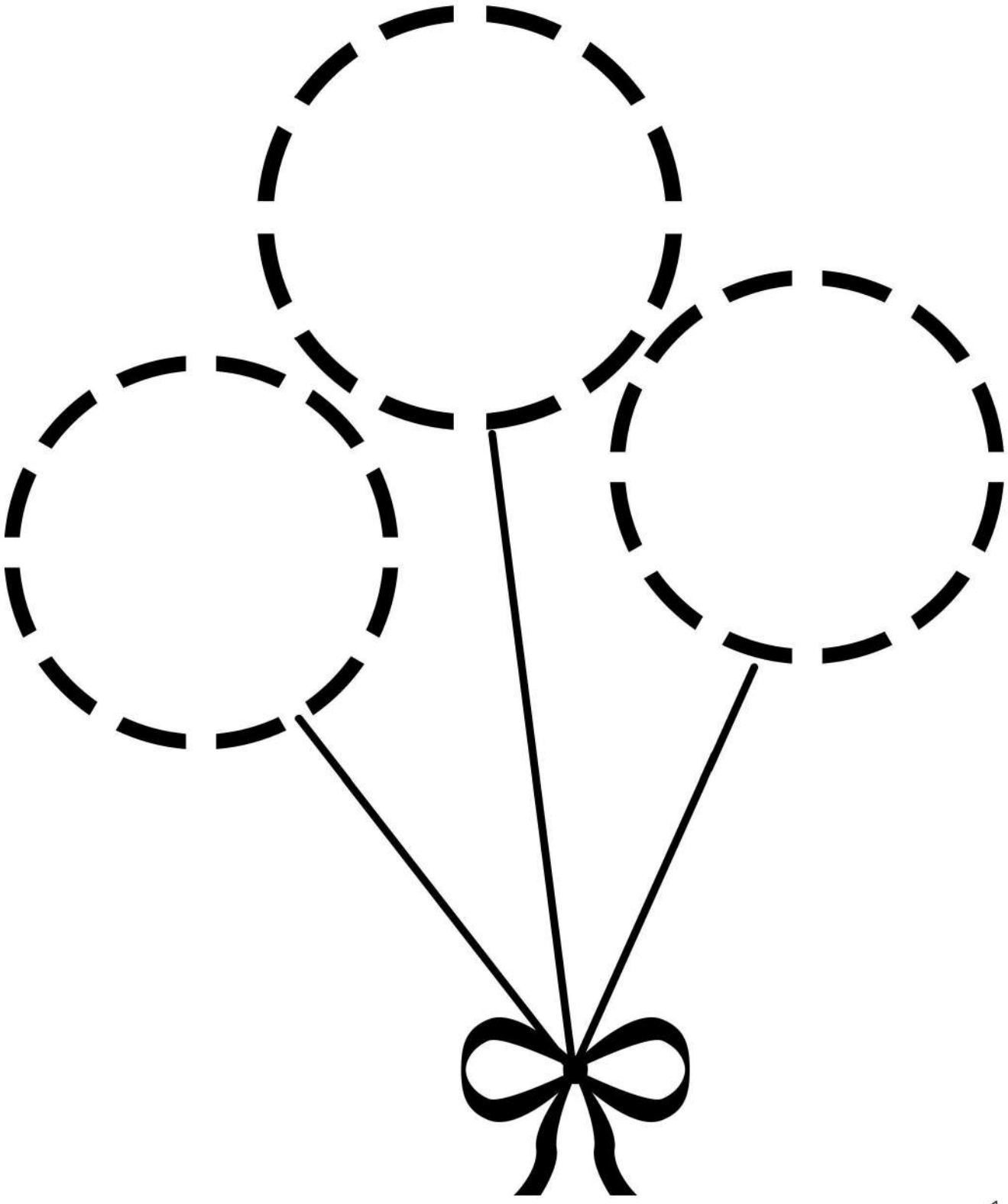
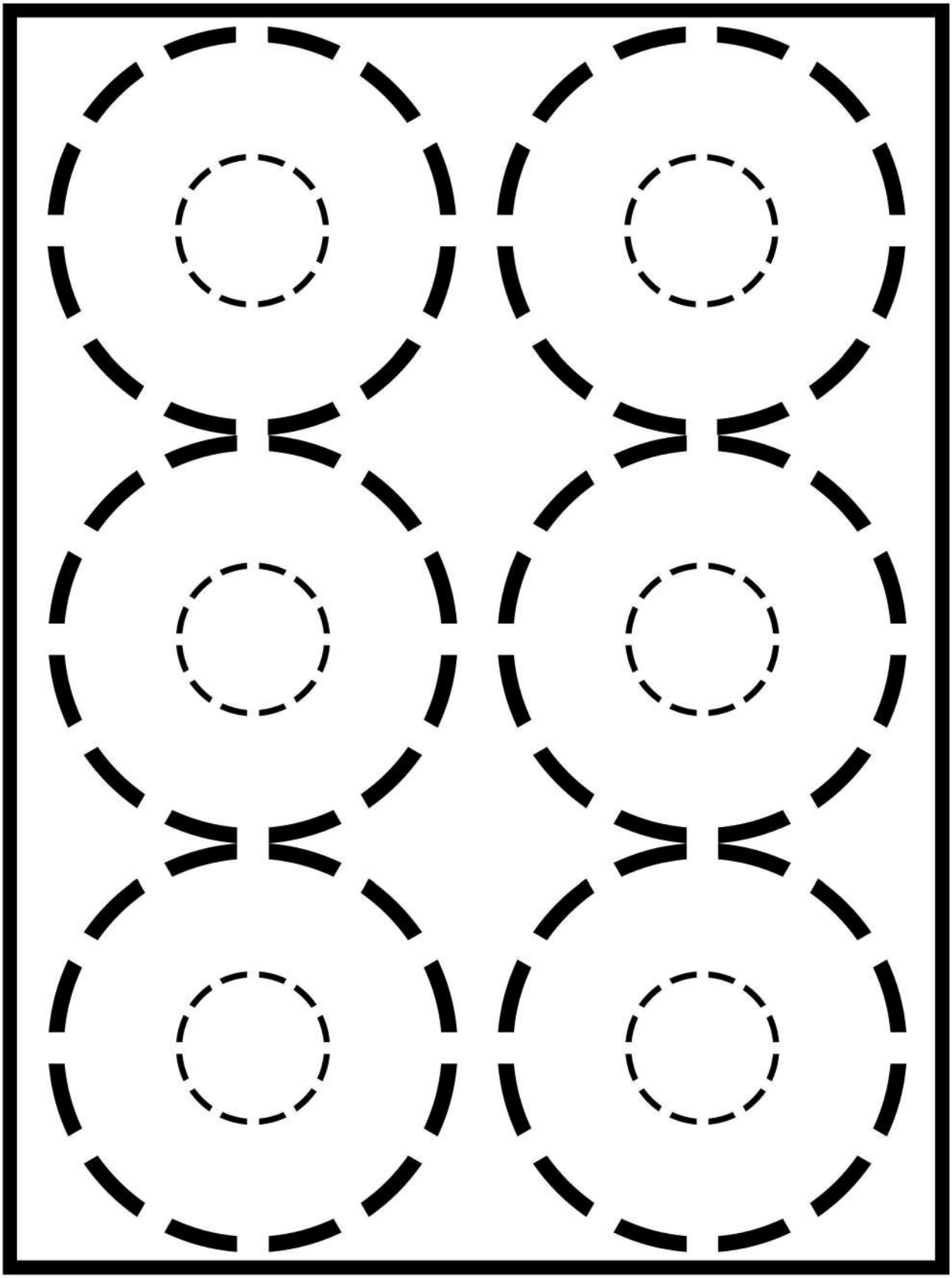
Circle

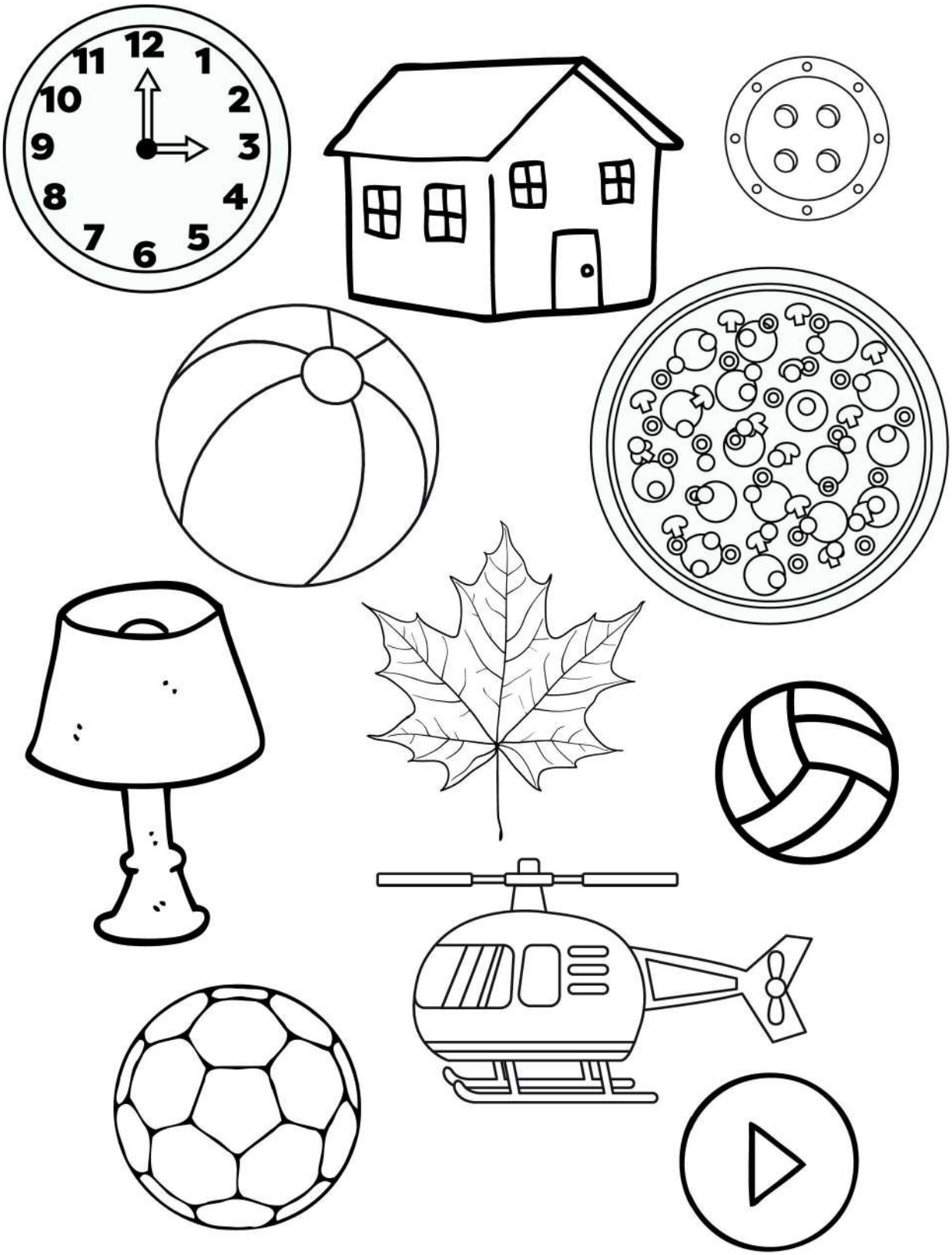
Trace the circles below, then color the balloons



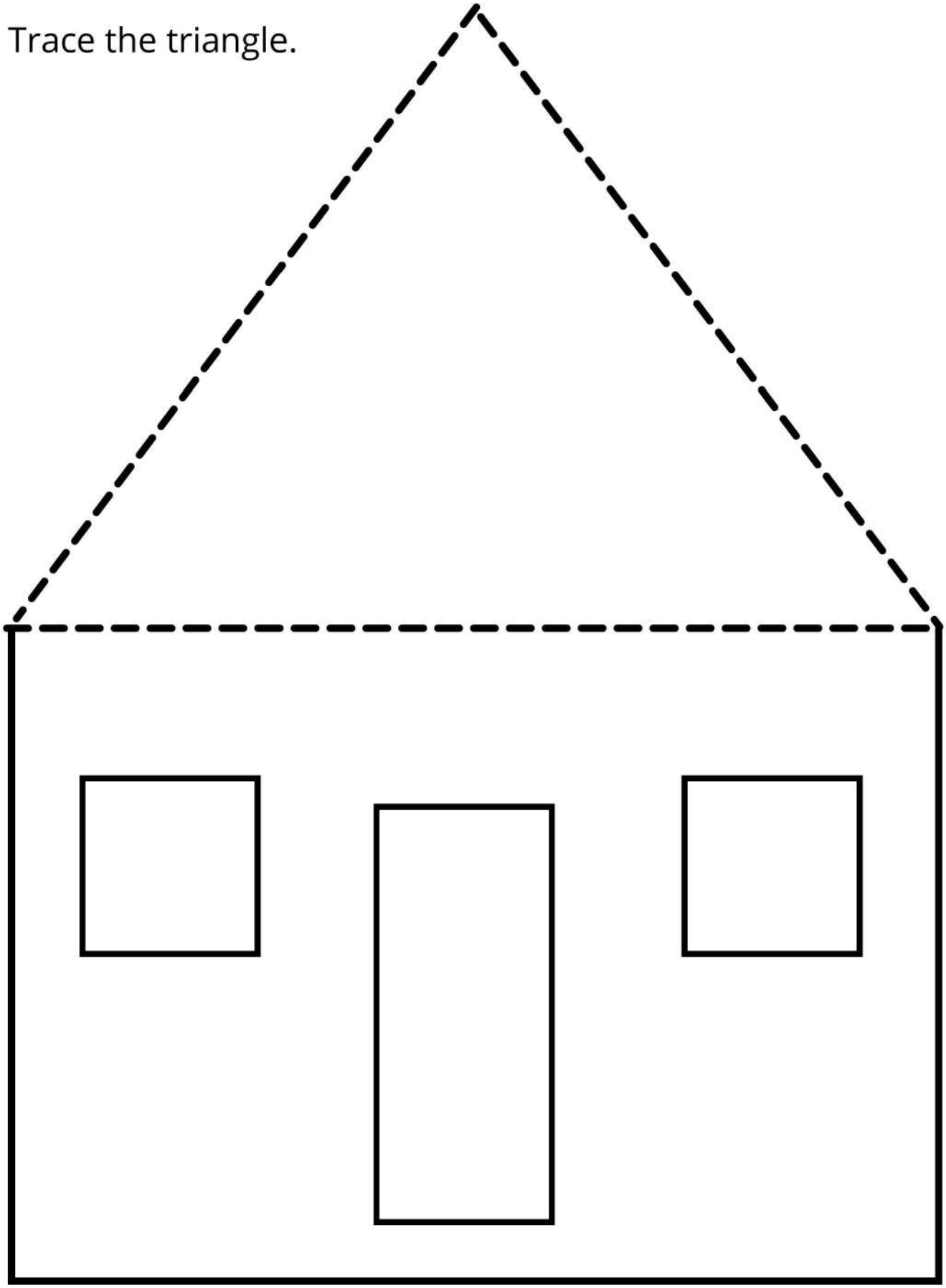
Trace the donuts, then decorate them.



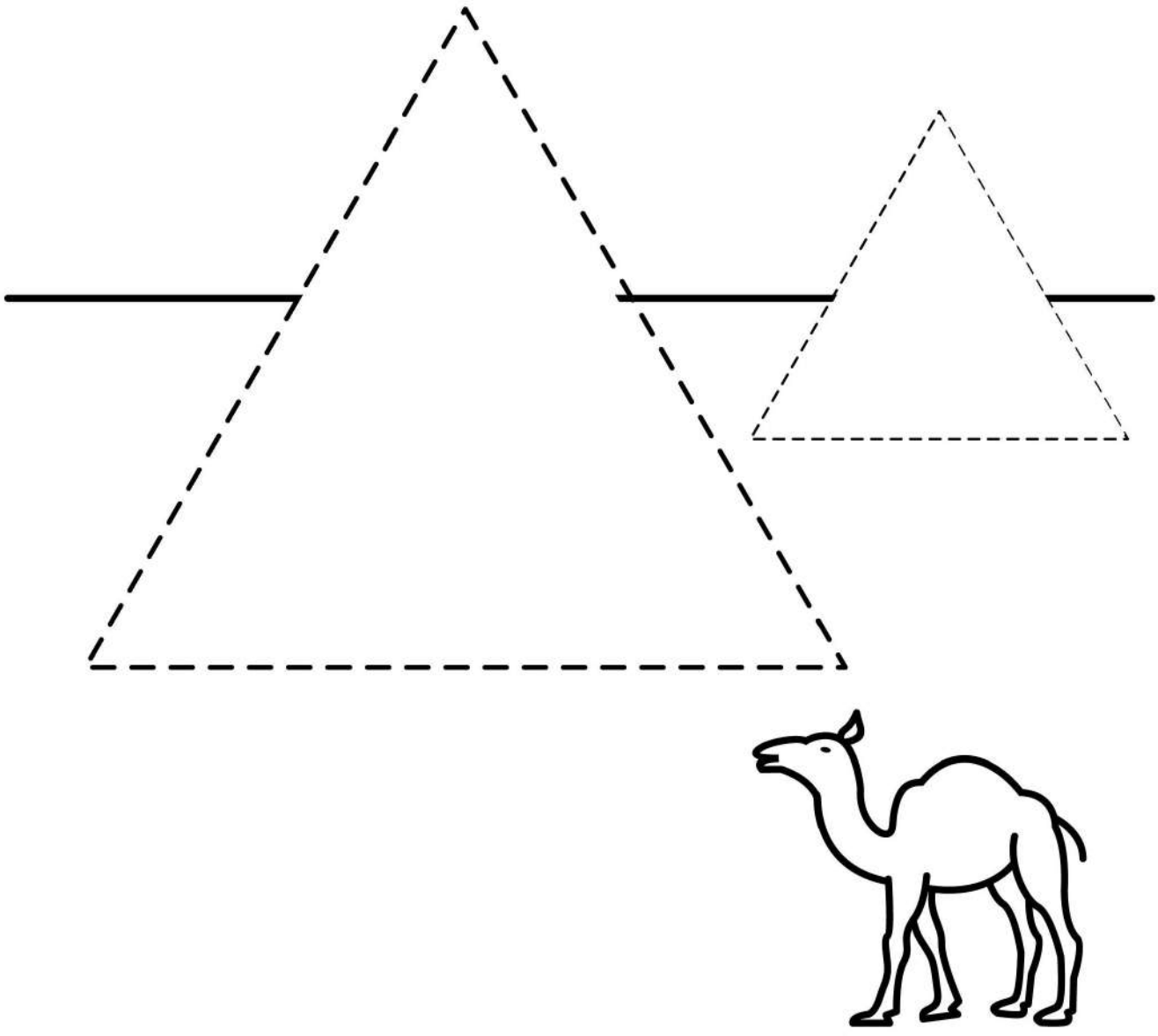
Color the circles.



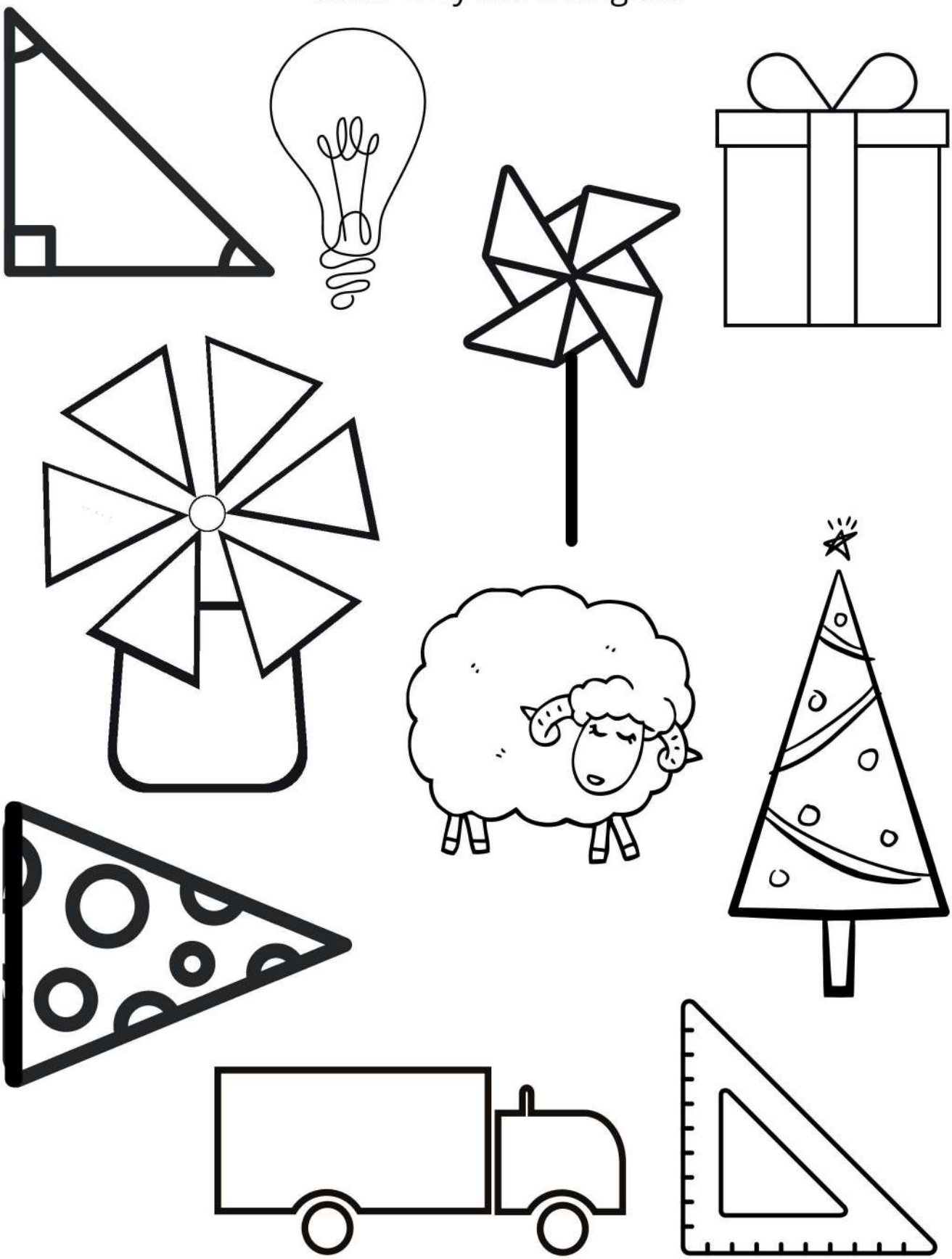
Trace the triangle.



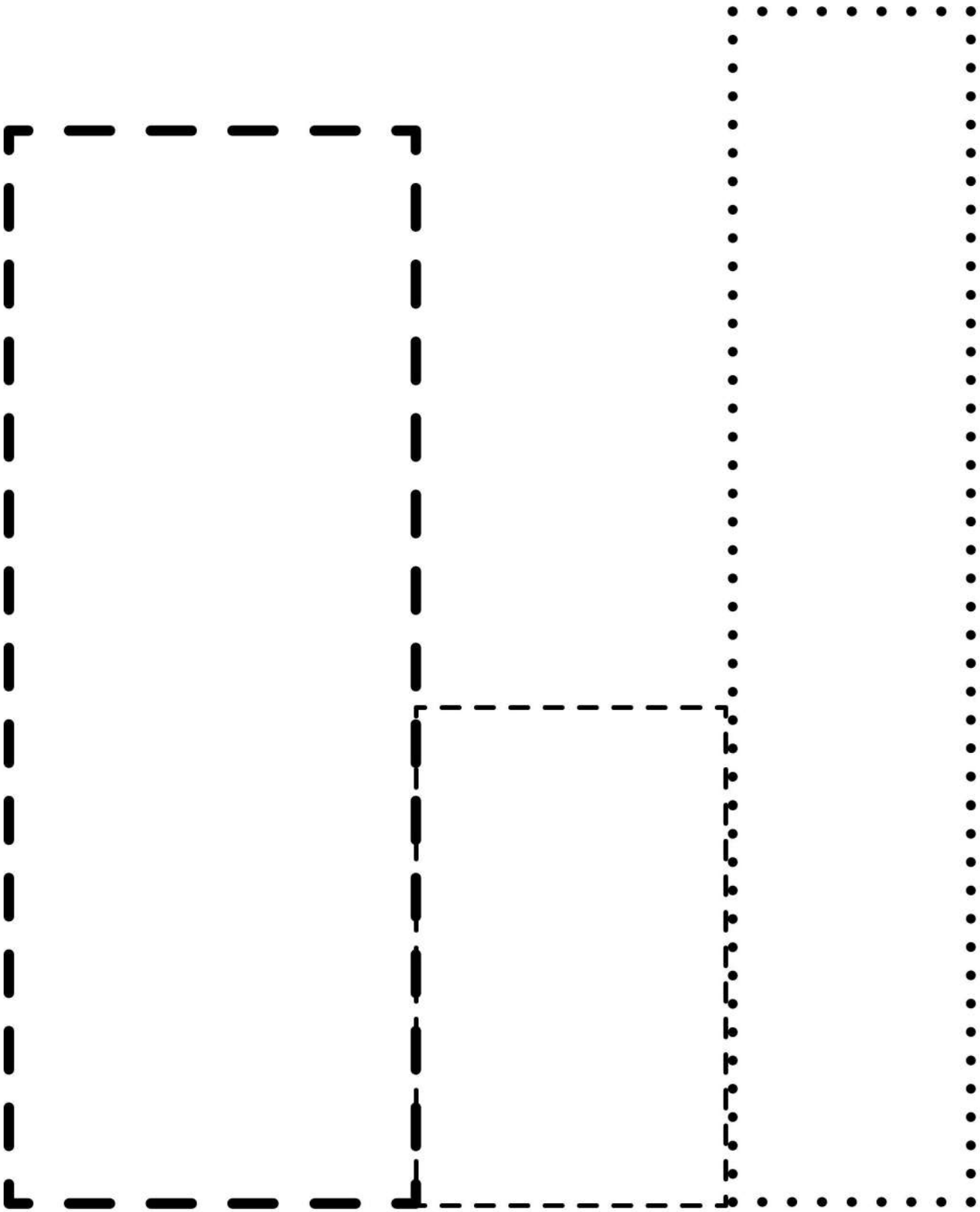
Trace the triangles, then color the picture.

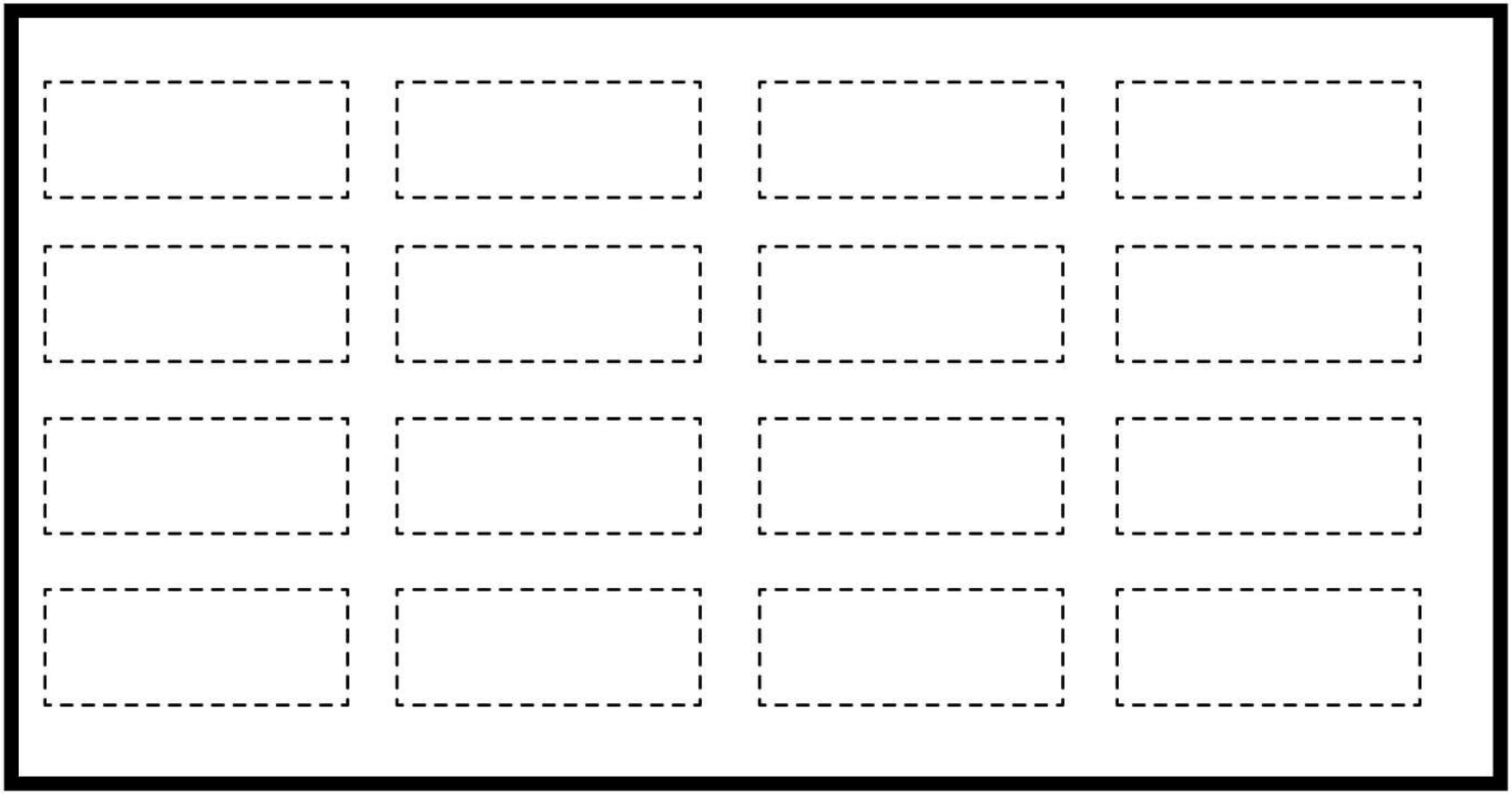


Color only the triangles.



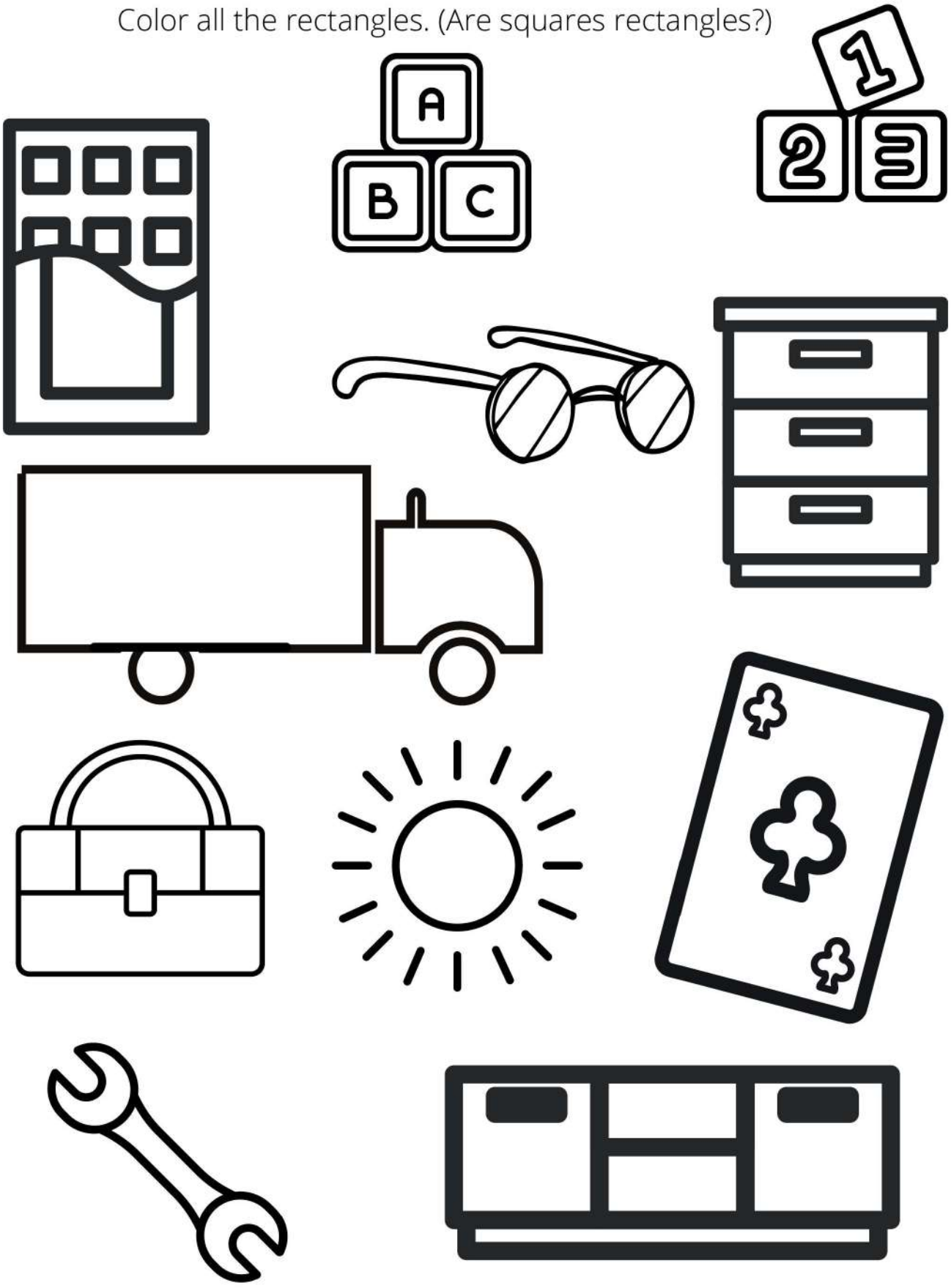
Trace the rectangles and make them look like tall buildings.

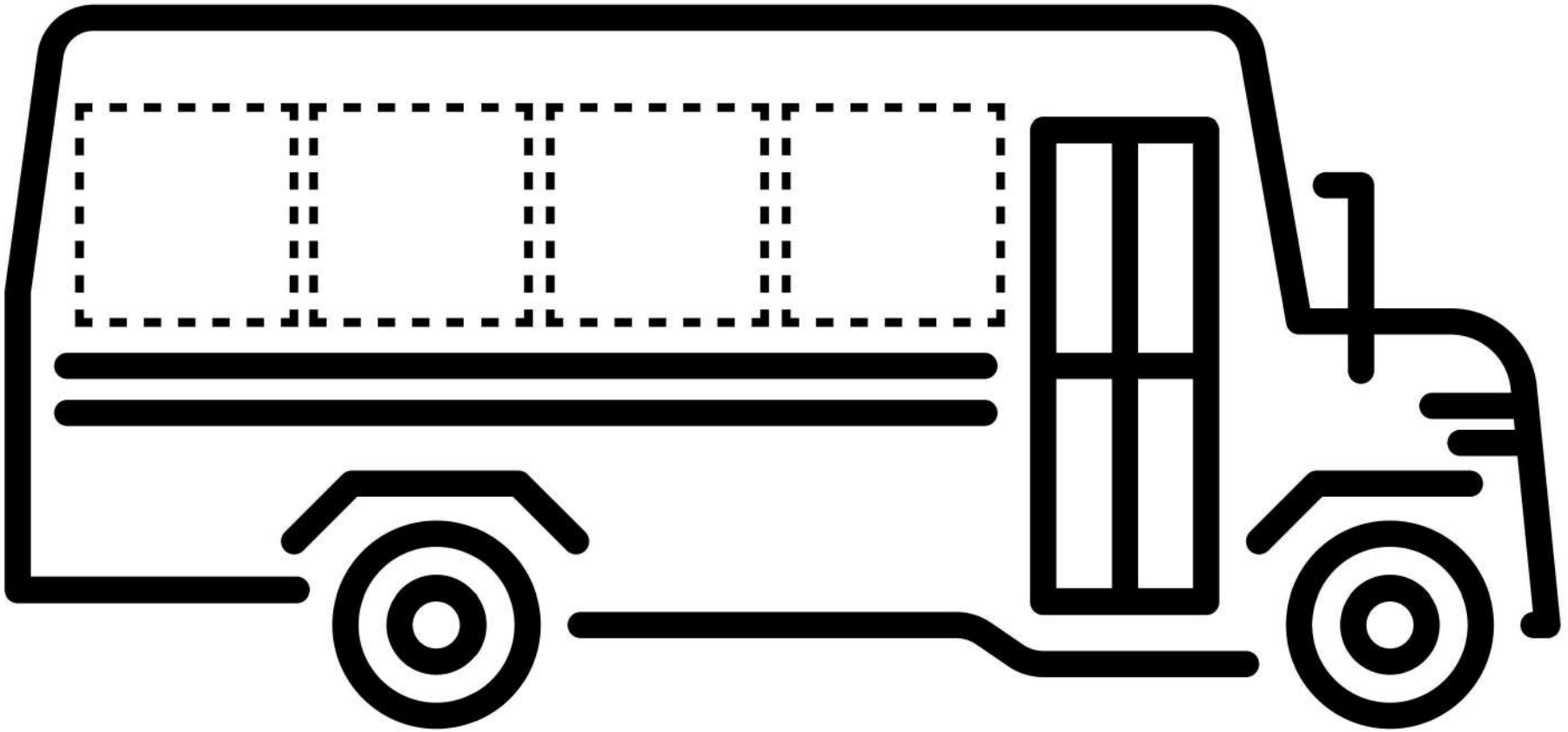




Trace all of the rectangles to complete the chocolate bar.

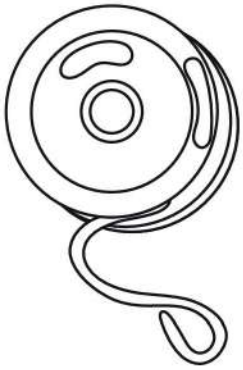
Color all the rectangles. (Are squares rectangles?)

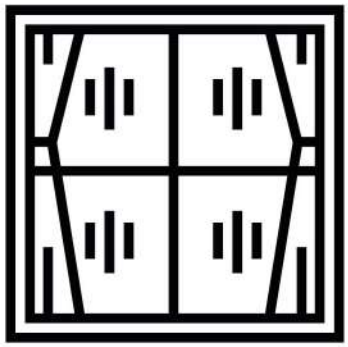


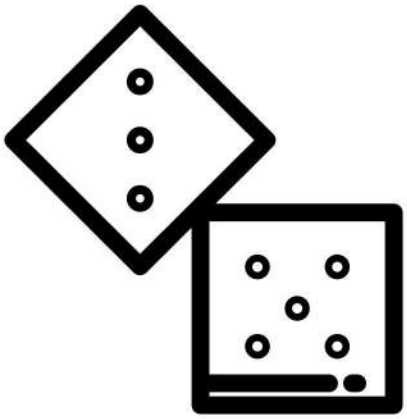


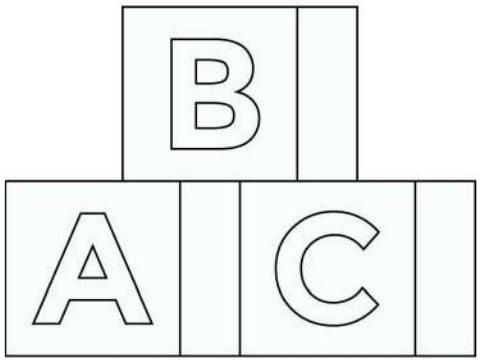
Trace the square school bus windows and draw your family members inside.

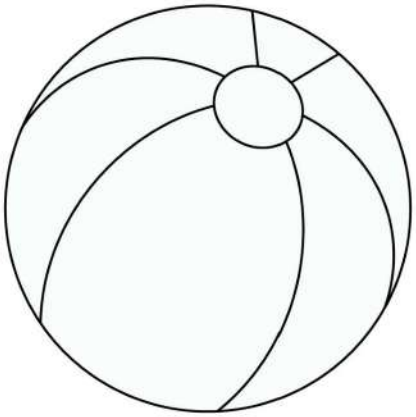
Find and color all of the squares.

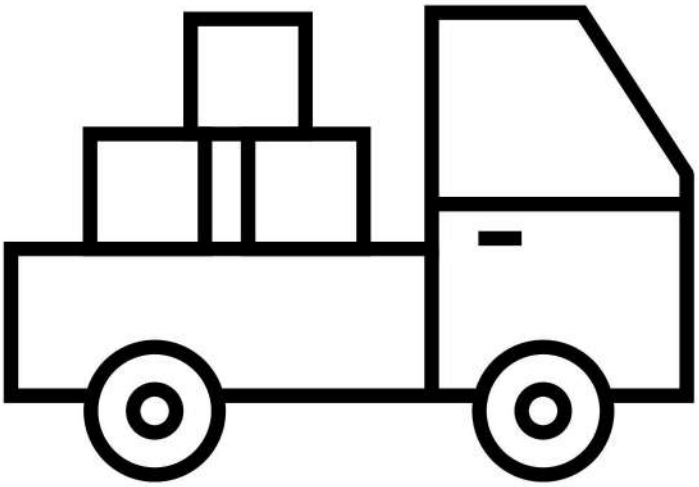




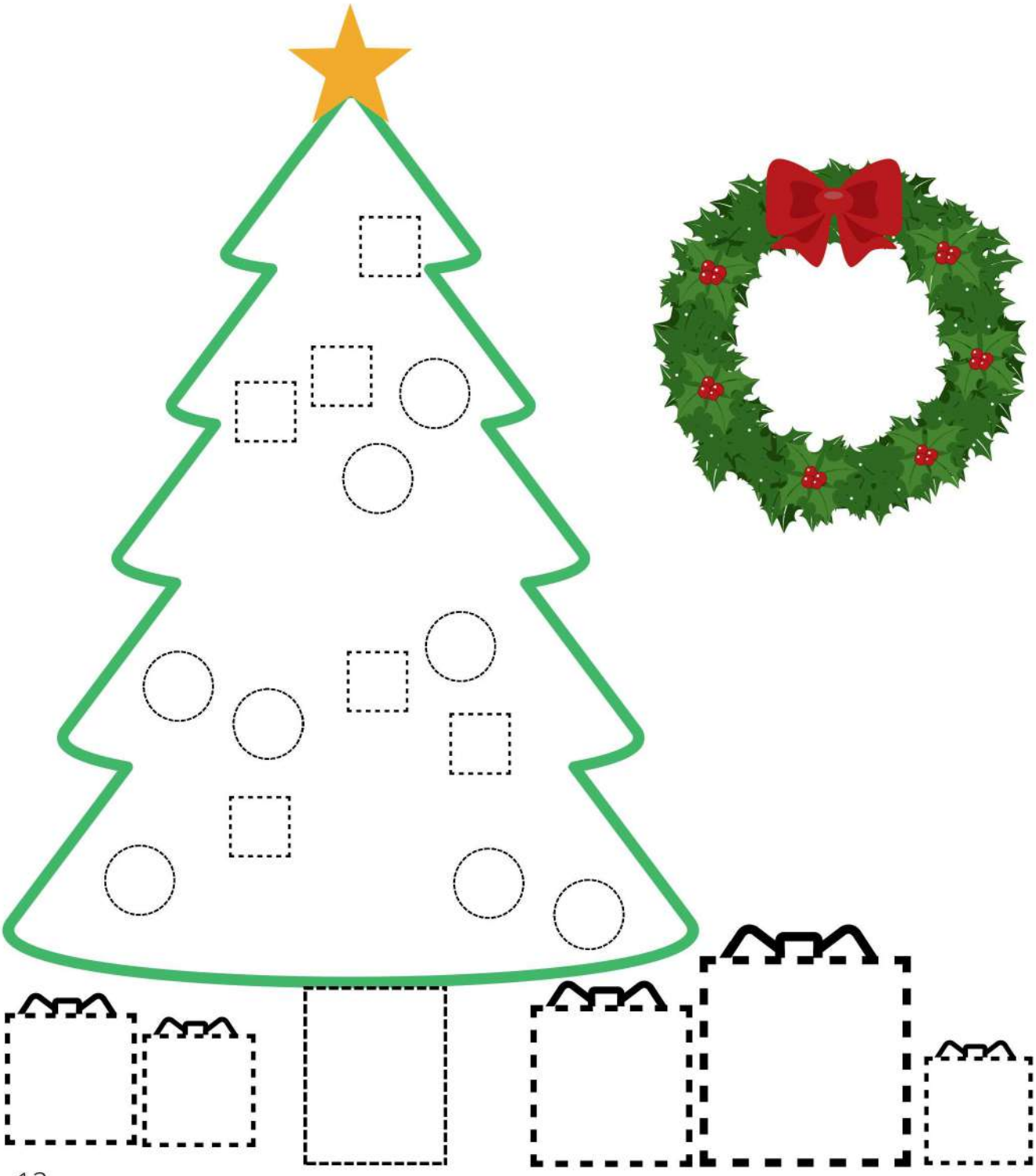




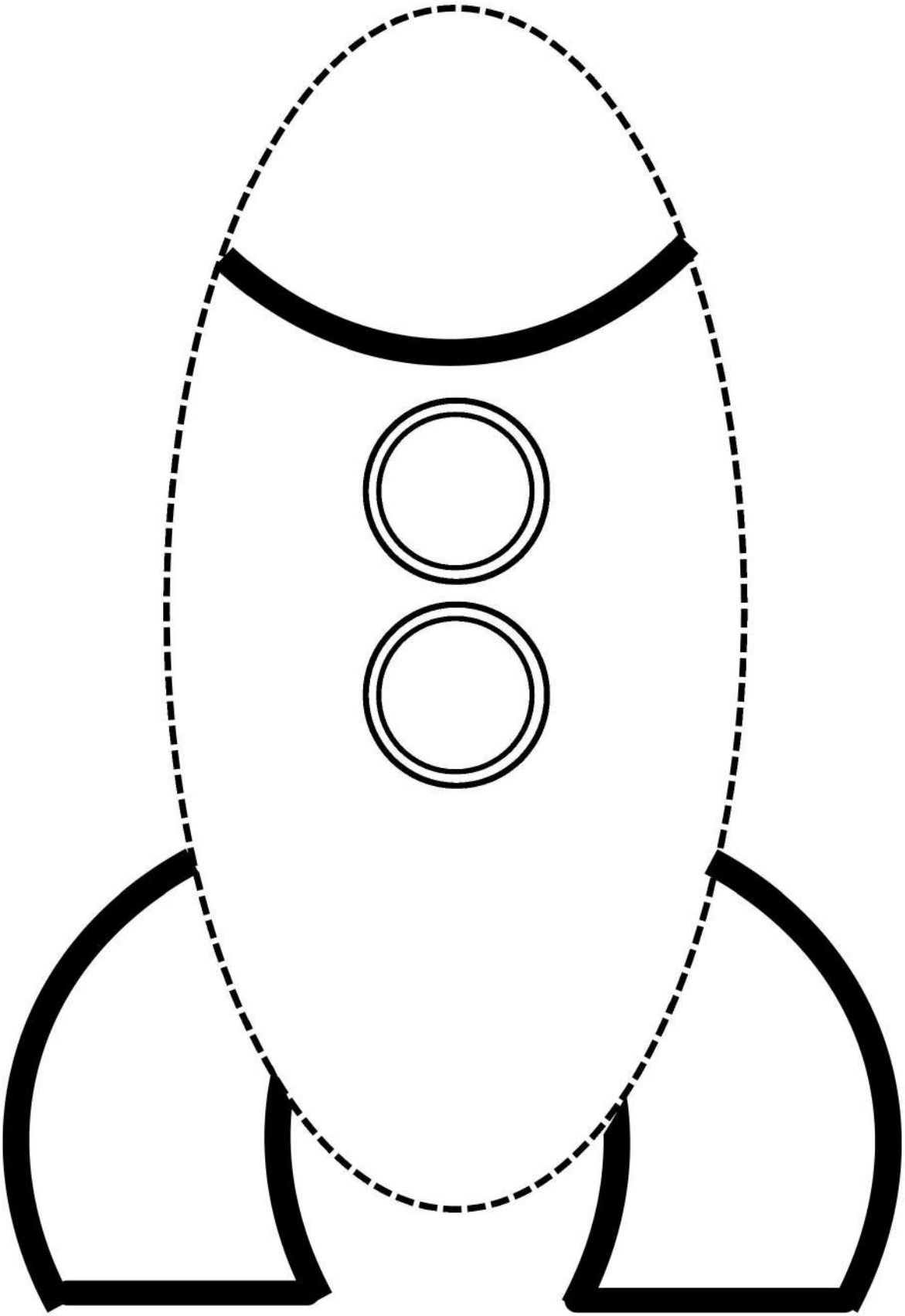




Trace and color the squares red.
Color the rectangle brown.
Trace and color the circles yellow.
The shape at the top of the tree is a star.
What shape is the wreath?

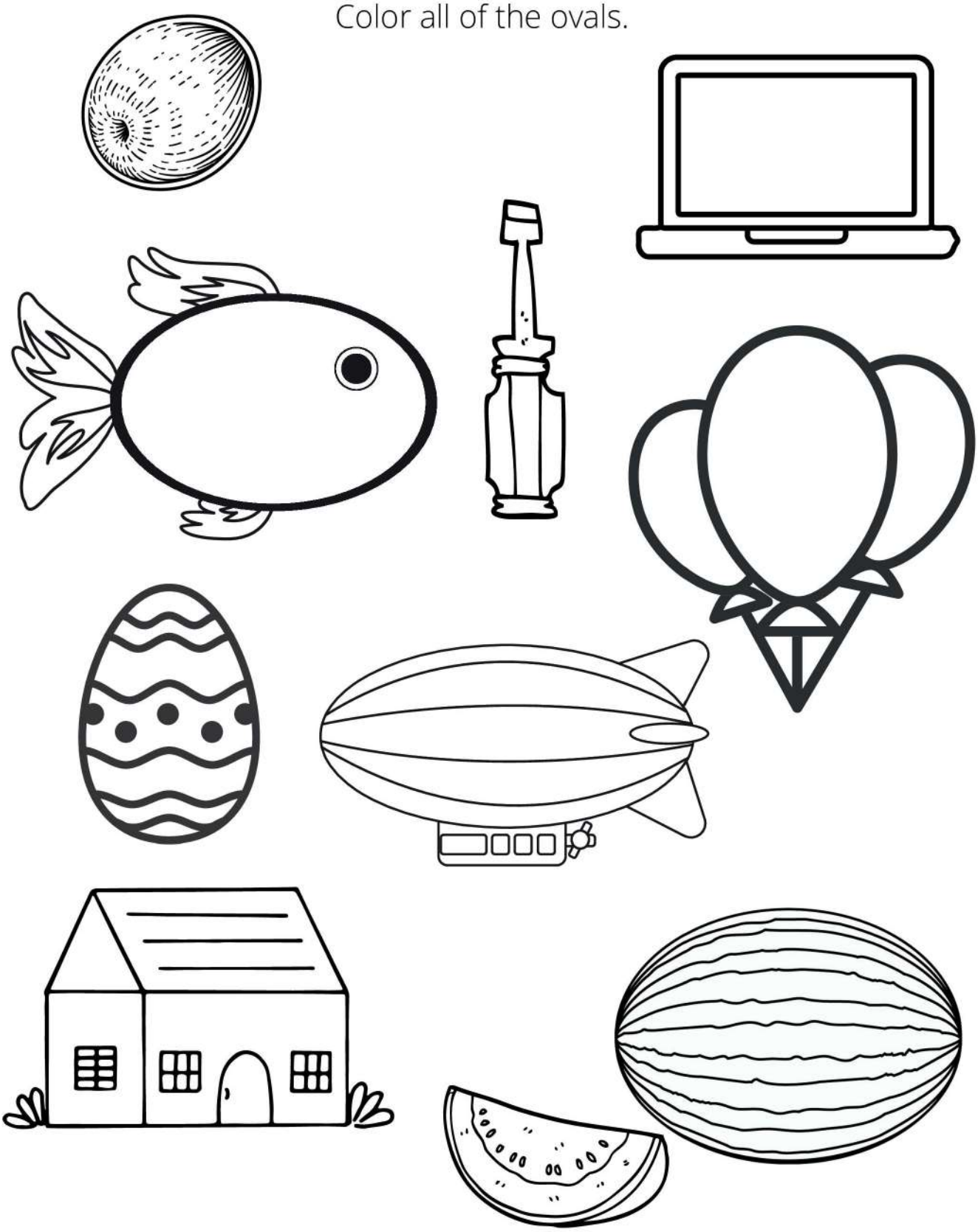


Trace the oval.



Cut out the oval eggs and paste them in the nest.

Color all of the ovals.



Color the train:

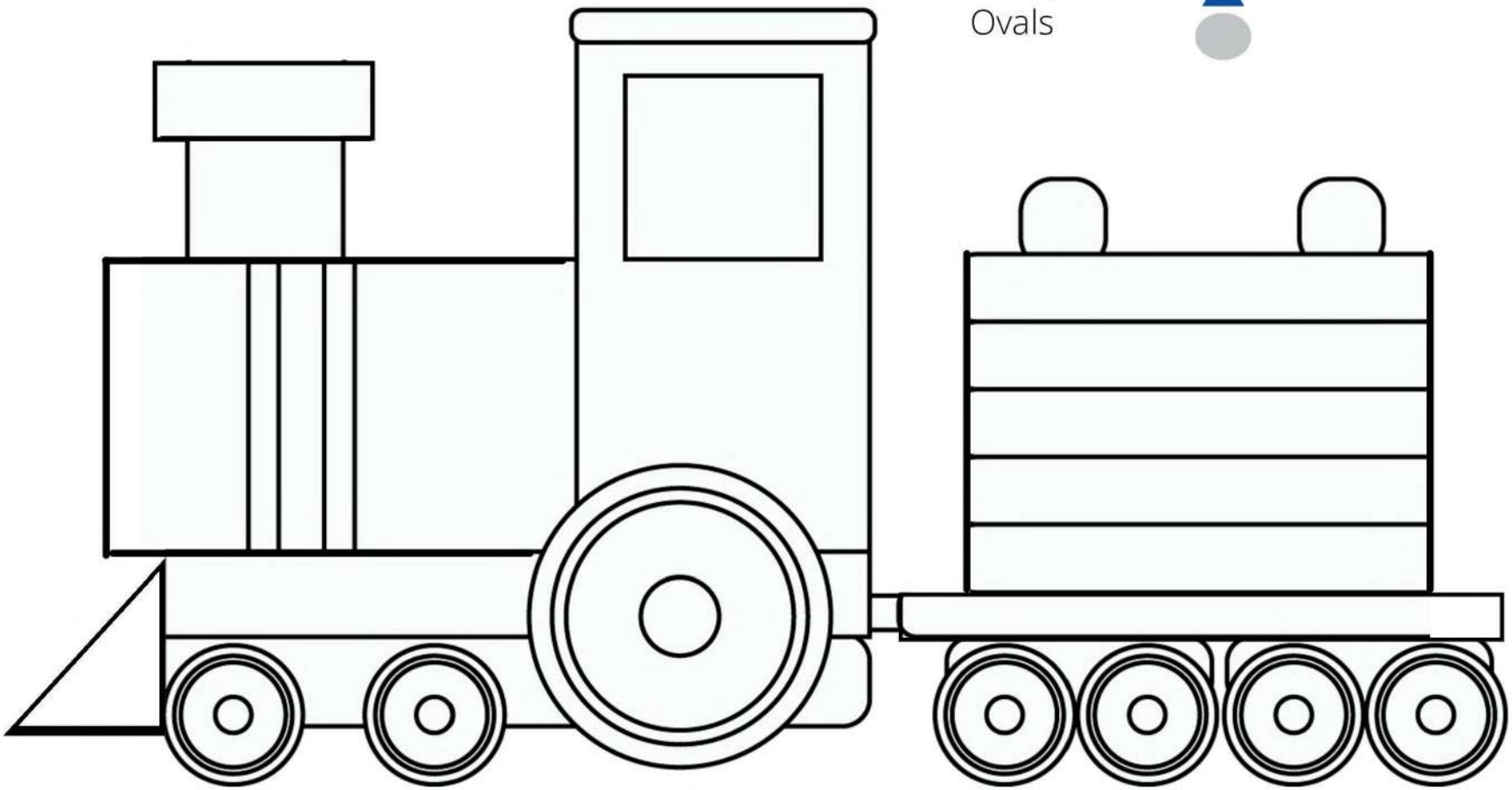
Circles

Squares

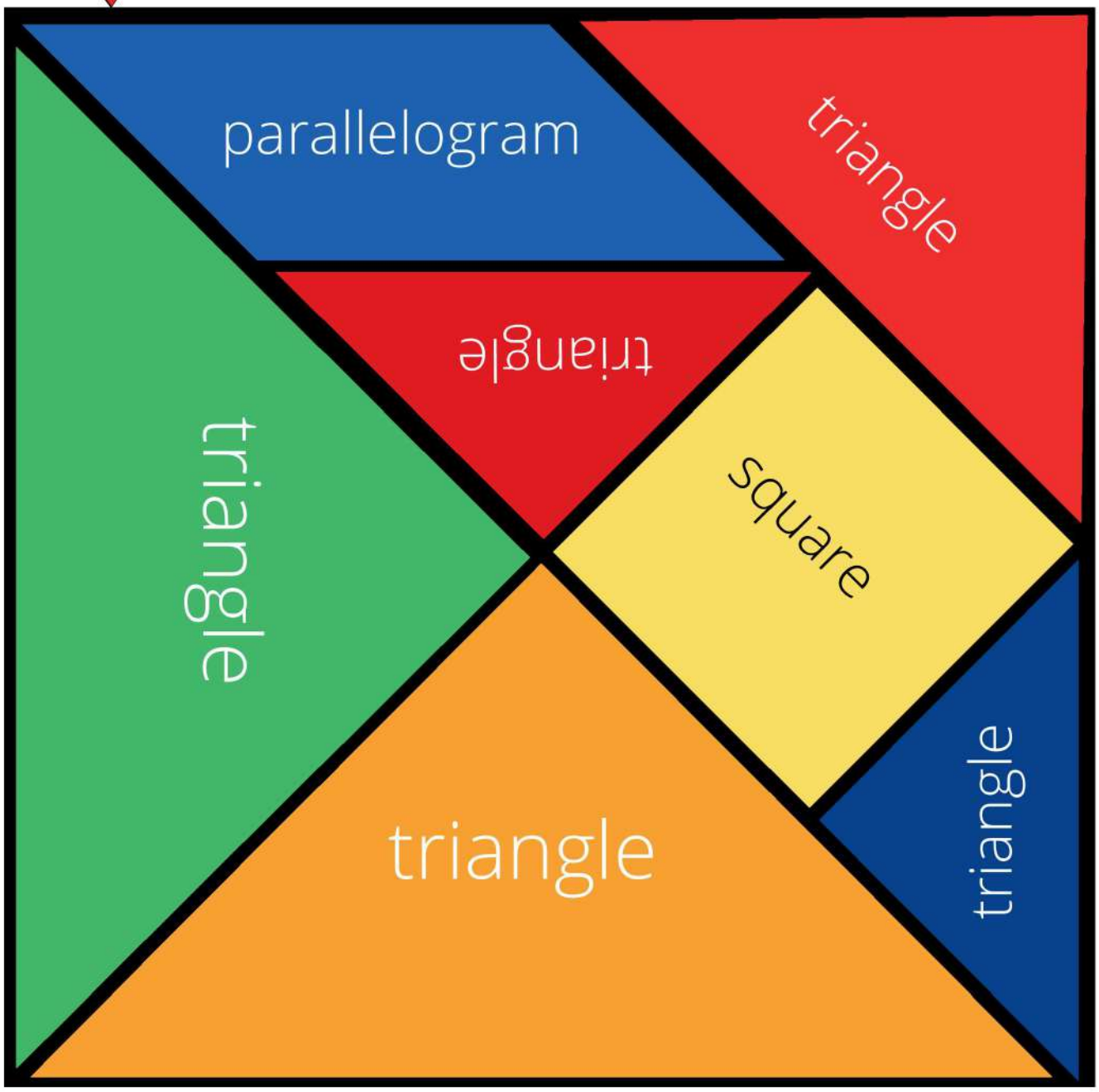
Rectangles

Triangles

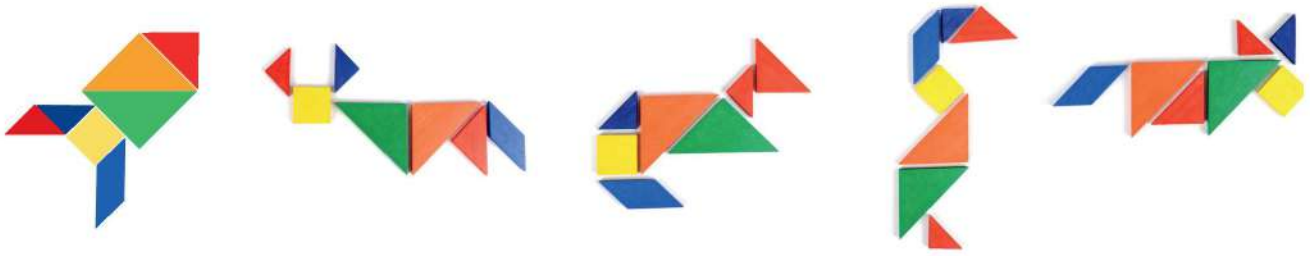
Ovals



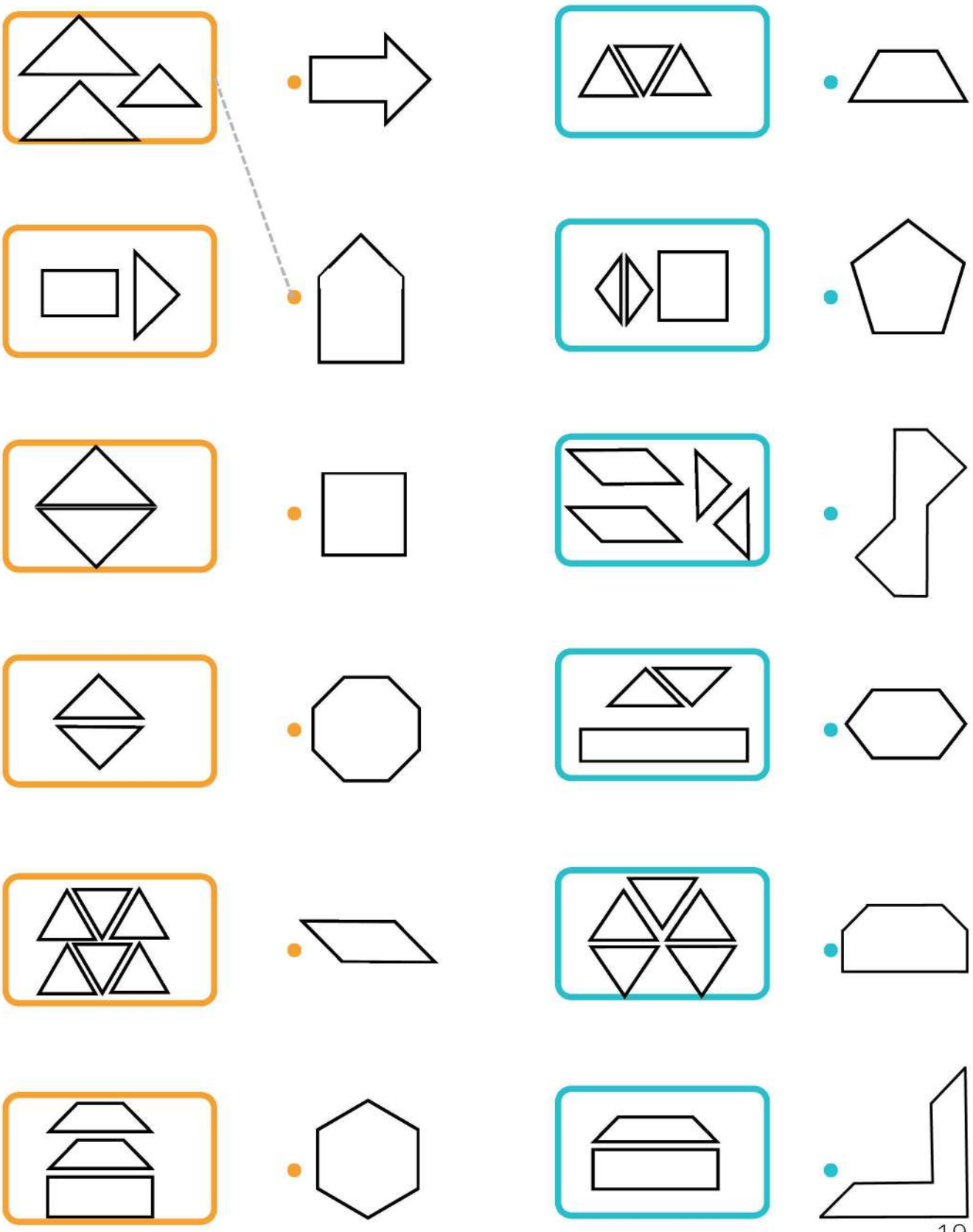
We call this a parallelogram because the opposite sides are PARALLEL to each other.

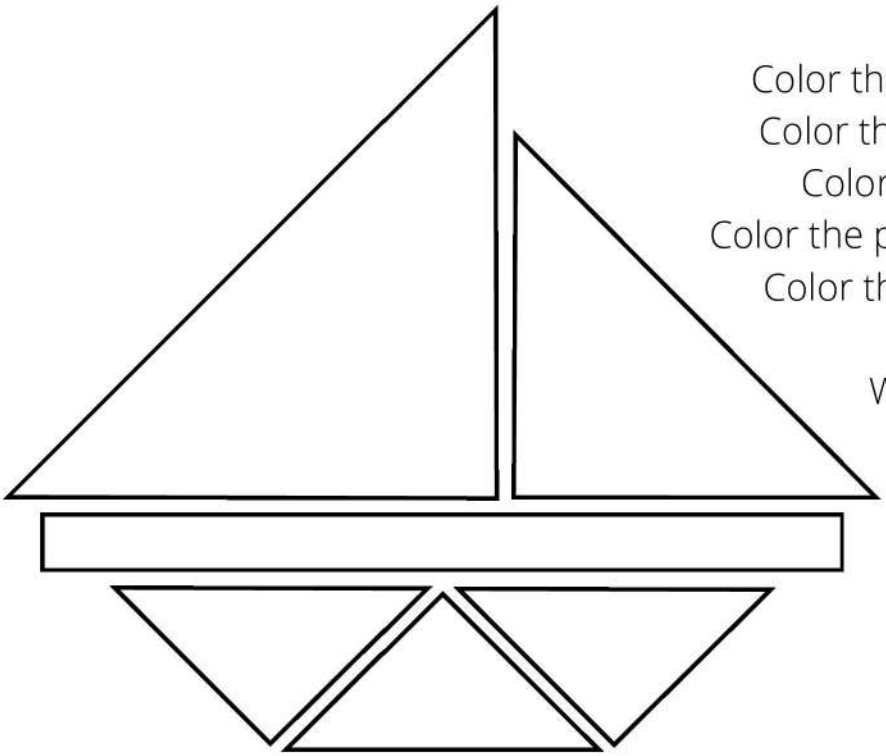


These shapes are called a tangram. Cut them apart on the black lines and see how many of these patterns you can build. Can you think up some more?



Match each set of shapes to the shape into which they can be composed. Some of the shapes might need to be turned around. Some of them are pretty tricky. If you get stuck, cut out the pieces and try them.

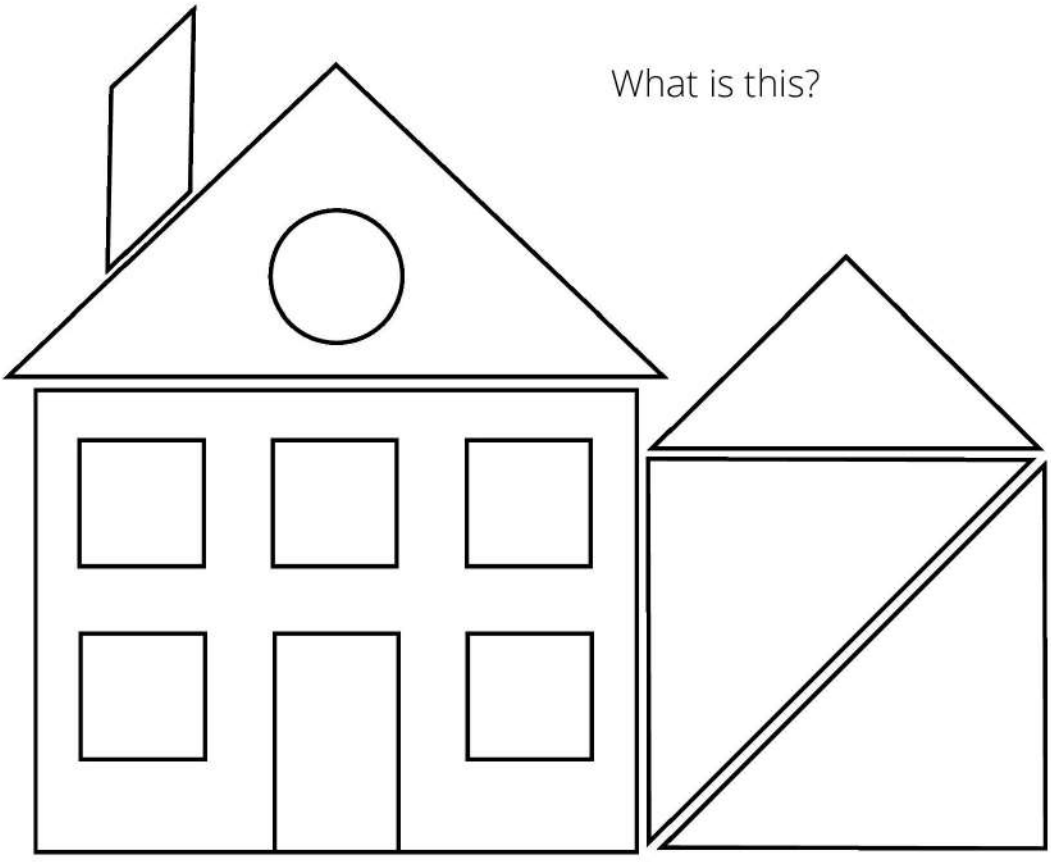




Color the triangles orange.
Color the rectangles blue.
Color the circles red.
Color the parallelograms green.
Color the squares yellow.

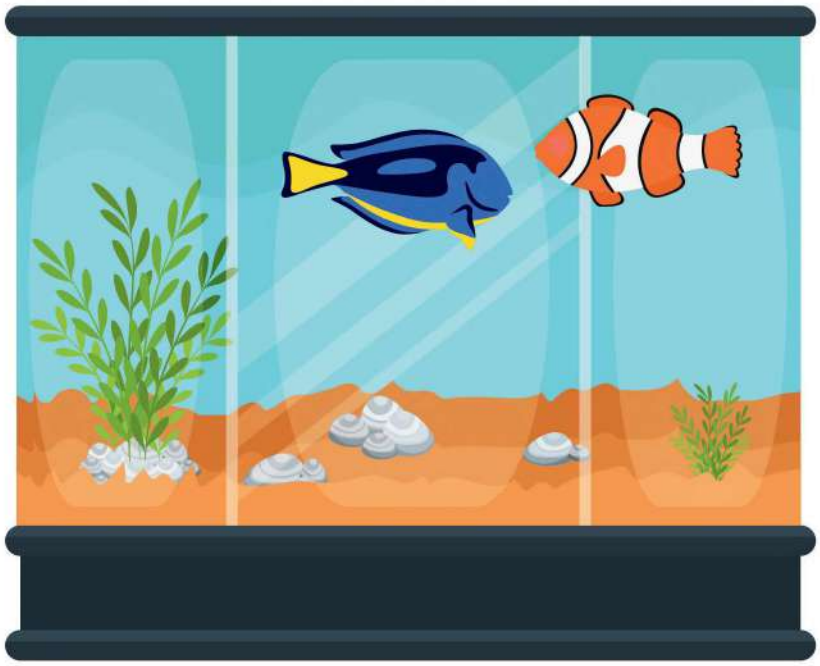
What is this?

What is this?



Trace and write number one.

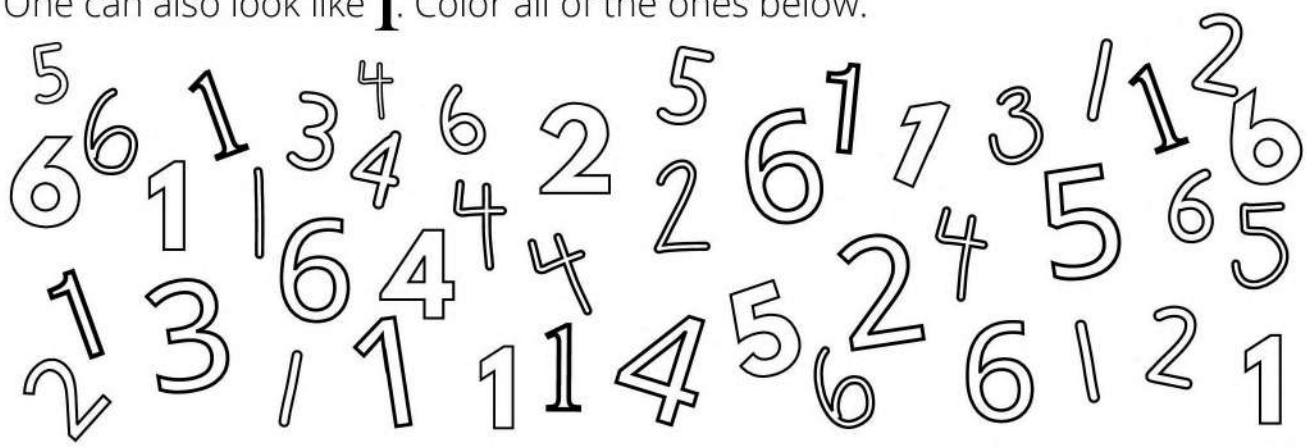
Inside this aquarium: draw 1 eye on each fish, draw 1 treasure chest, draw 1 starfish.



Draw 1 candle on this cupcake.

one

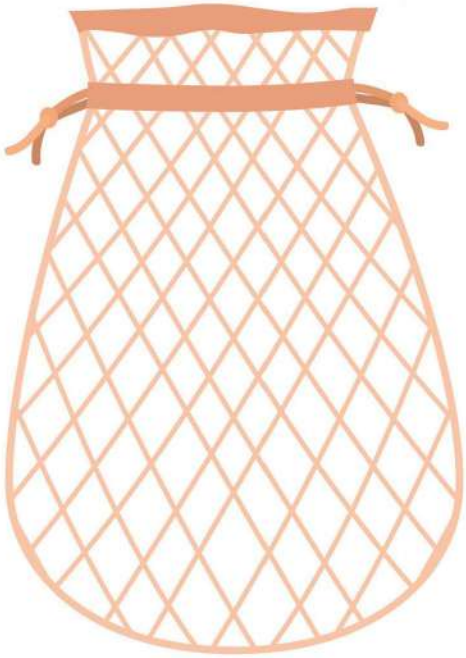
One can also look like **1**. Color all of the ones below.



Trace and write number two

2 2

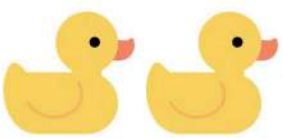
Draw 2 apples in this bag.



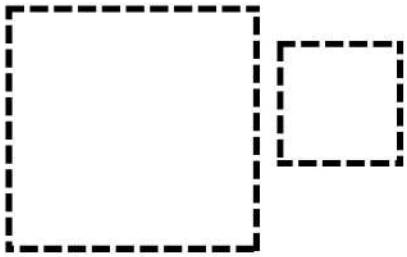
Draw 2 eggs on this plate.

two

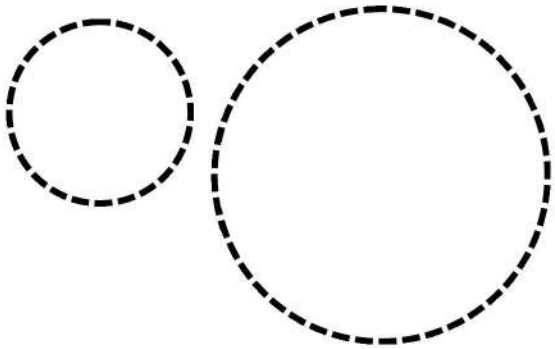
Color each rectangle with TWO items.

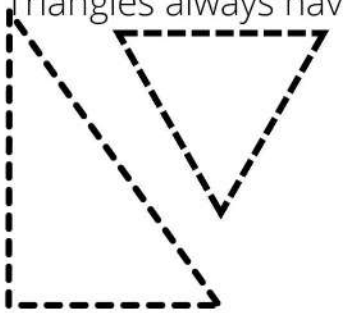
Trace the squares and draw another.
Squares always have four sides the same length.



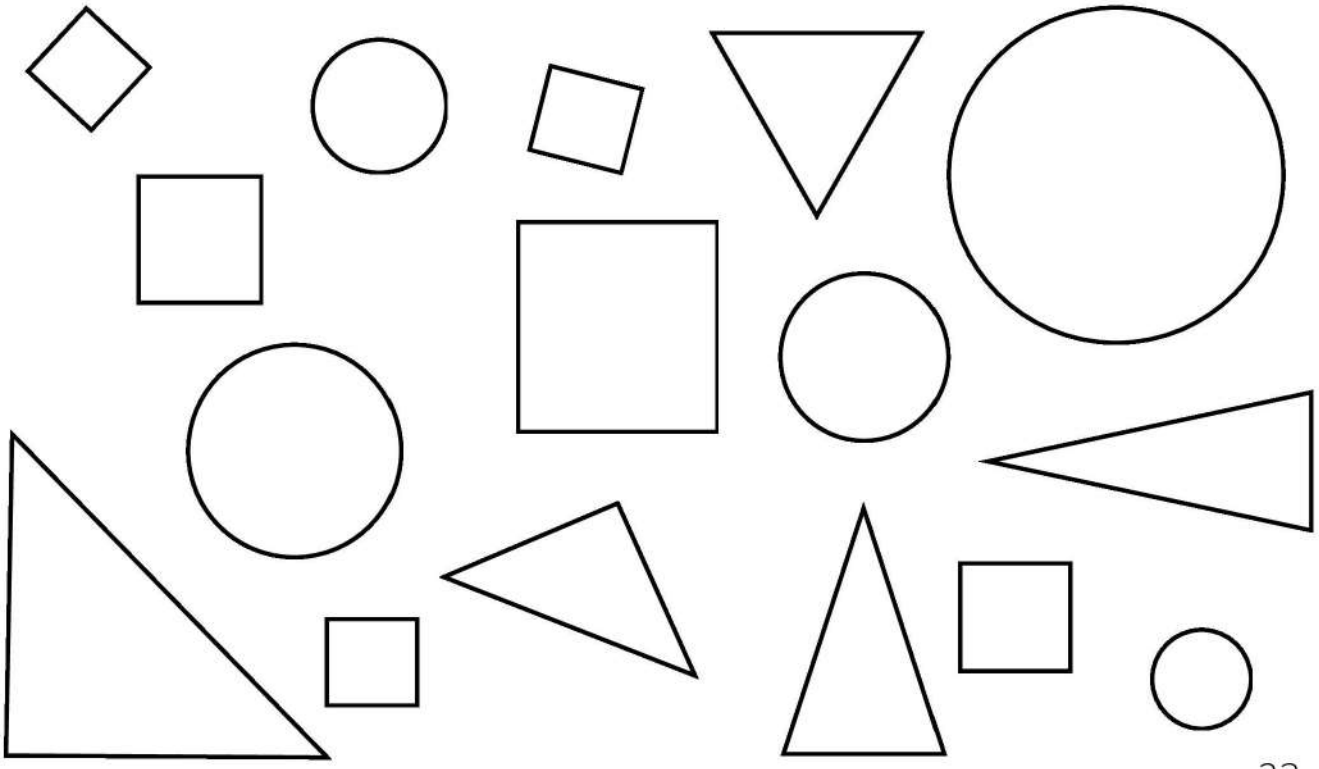
Trace the circles and draw another.



Trace the triangles and draw another.
Triangles always have three sides.



Color the squares blue, the circles red and the triangles yellow.



Trace and write number three.

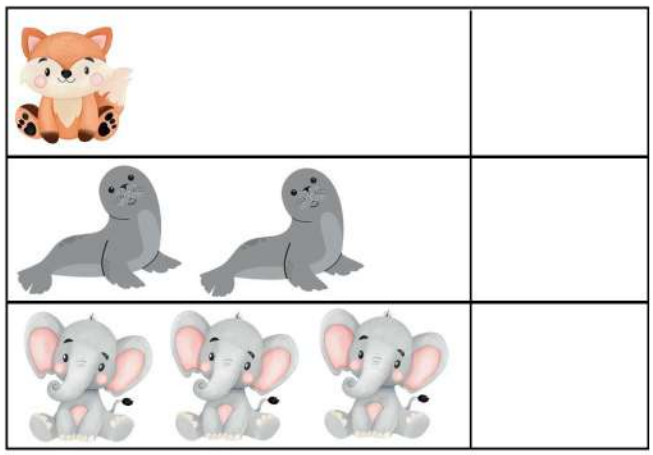
3 3

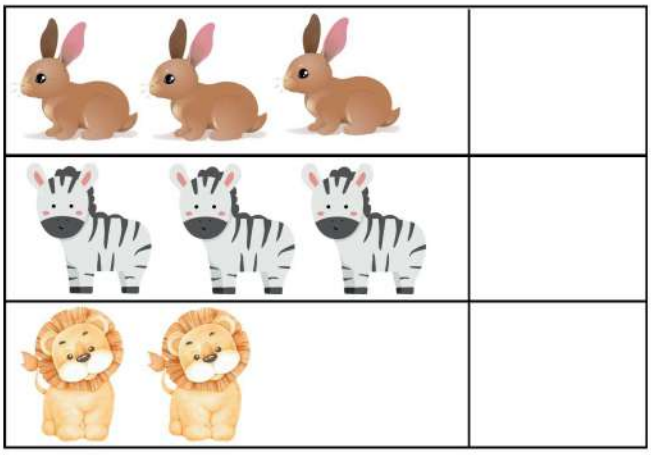
Color three of the flowers.

Draw 3 chocolate chips in this cookie.

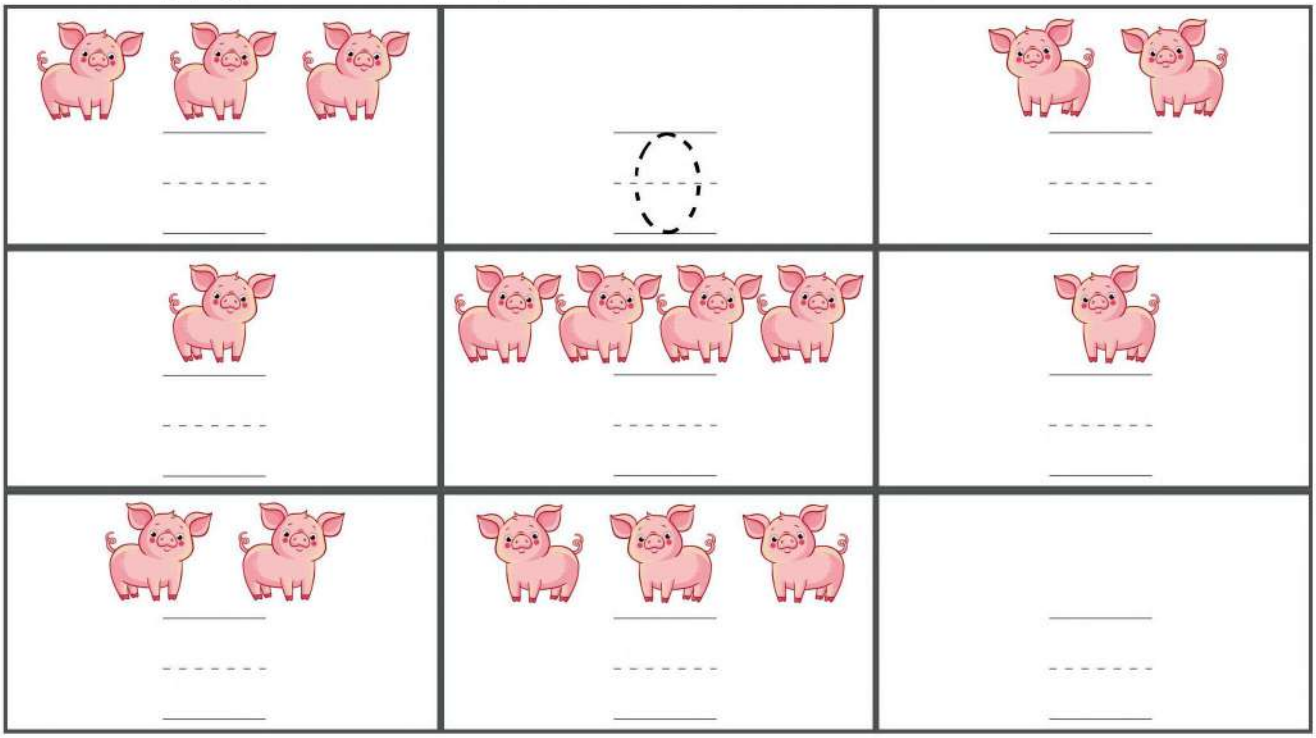
three

Count the animals in each row and write the number in the box.



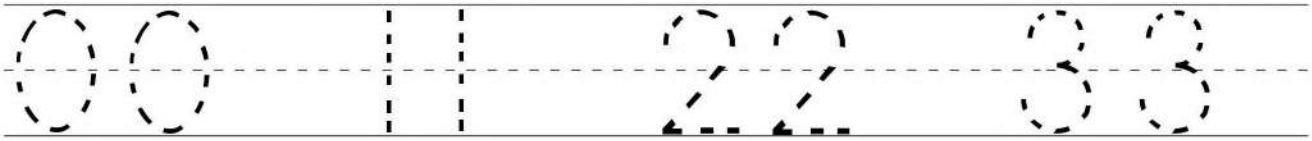


How many pigs are in each square? When there are NONE, we write 0.



Draw lines to match.

3 0 2 1



What materials would you use to build yourself a house? Why?

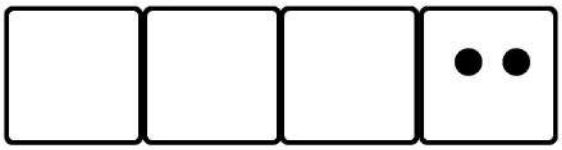
Trace and write these numbers.

2 2

3 3

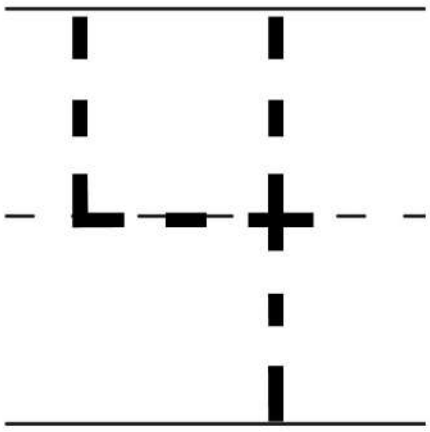
4 4

How many squares are in this snake?
Color 2 squares orange and the rest yellow.

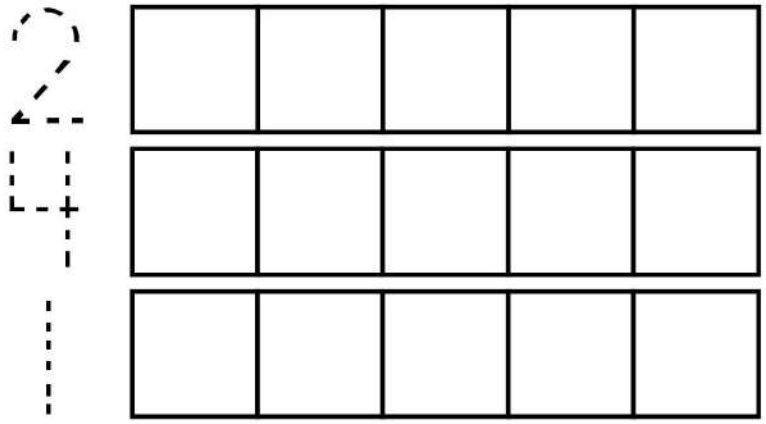


How many squares are yellow?

Trace this four.



Trace the numbers, color the squares to match.



Can you draw a swing set using only triangles?

How many objects are in each block? Circle the number below.

0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4
0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4
0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4

Trace then write these numbers.

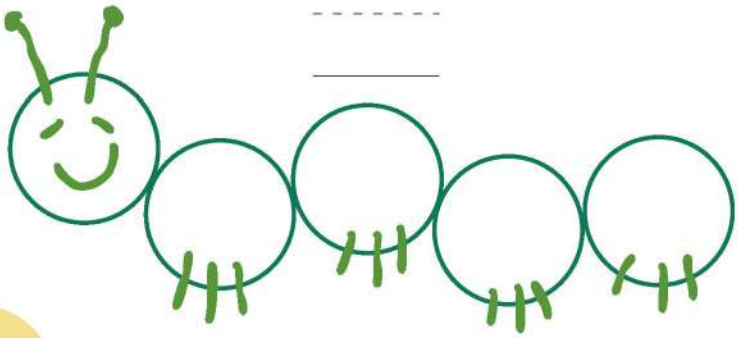
0 0 1 1 2 2

3 3 4 4

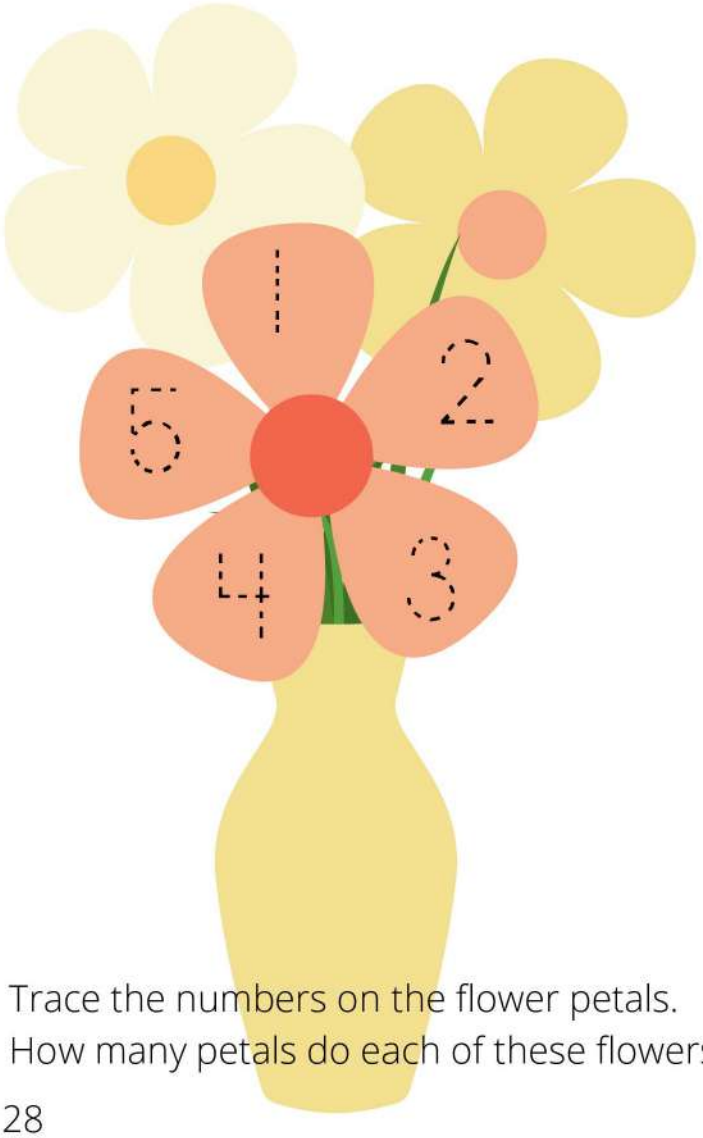
Trace and write number five.

5 5 5

How many circles are in this caterpillar? _____



Color 2 circles yellow and the rest green. How many circles are green? _____



Can you draw a robot using only squares and rectangles?

Trace the numbers on the flower petals.

How many petals do each of these flowers have? _____

Draw a line from the number to the correct box.

4

5

1

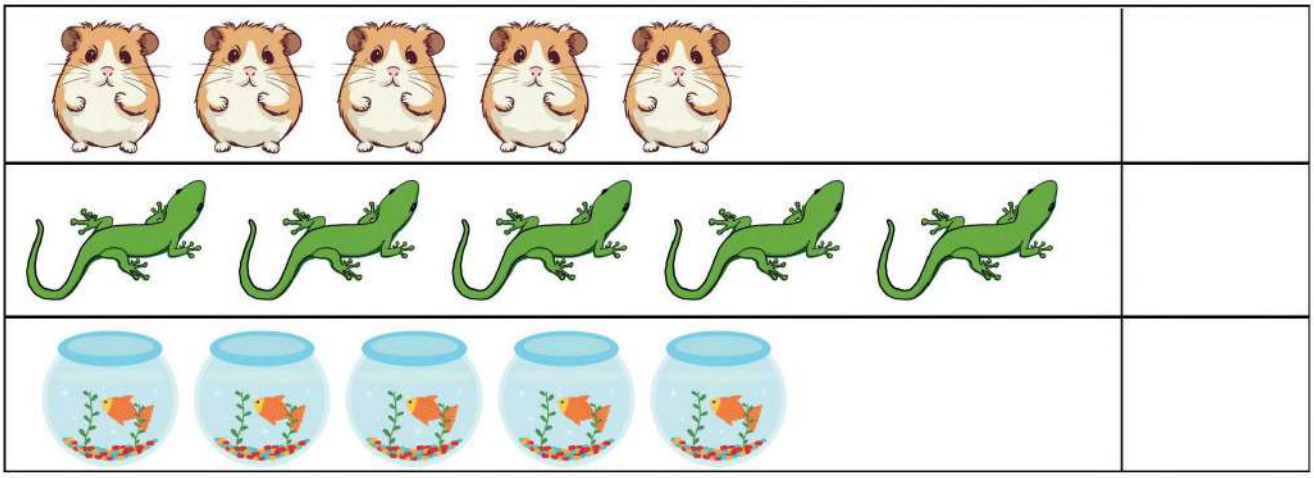
2

0

3

Draw five fish in this aquarium.

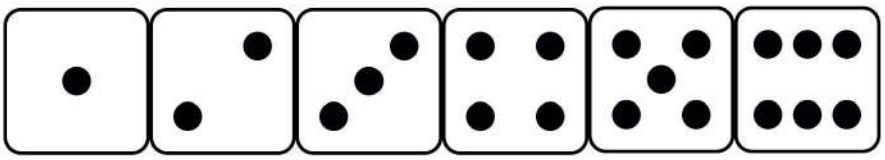
Count the pets in each row and write the number in the box.



Trace and write number six.

6 6 6

How many dots are on each die?

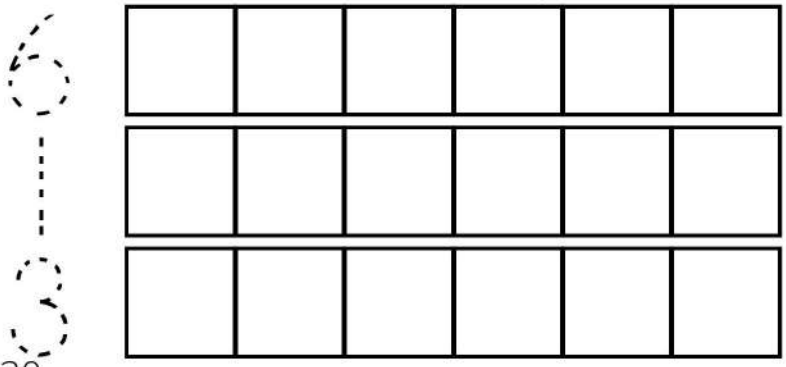


Color 2 dice red. How many are not red?

Draw six candles on this birthday cake.

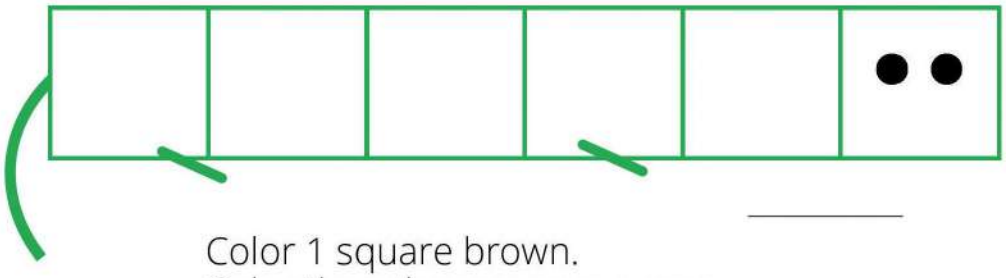
Can you draw a tall snowman using only circles?

Trace the numbers. Color the squares to match.



Trace the first shape. Circle the objects in each row that match the first shape.

How many squares are in this alligator?



_____

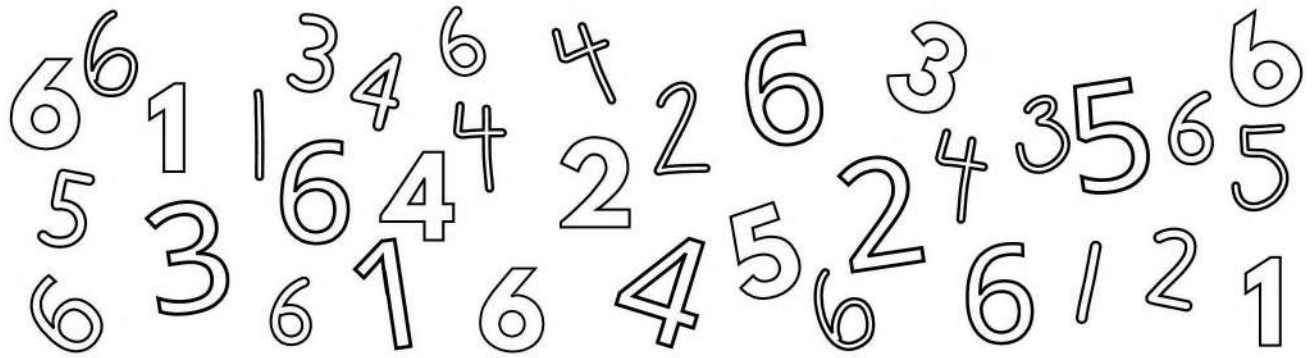
- - - - - - -

_____

_____

Color 1 square brown.
Color the other squares green. - - - - - - -
How many squares are green? _____

Color the 6's red and the 4's blue. How many 6's? _____ How many 4's?_____



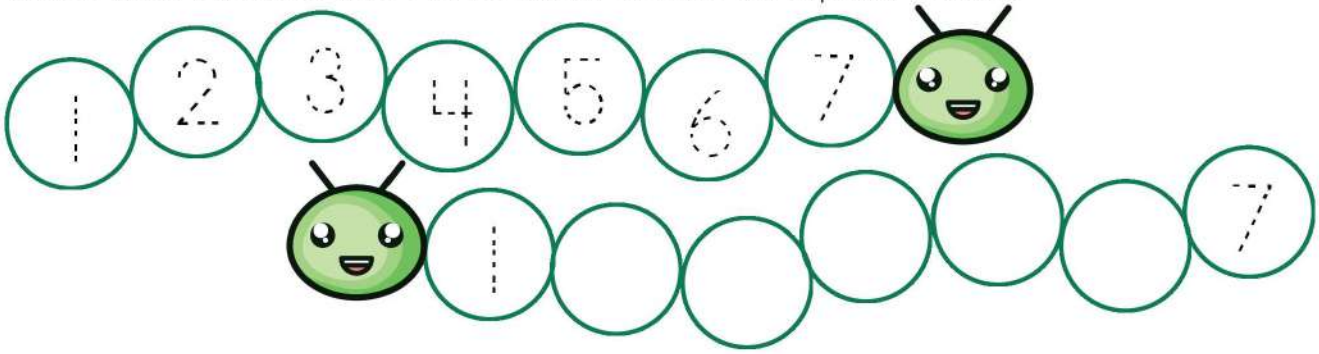
Trace and write number seven.

7 7 7

Draw 7 buttons on this shirt.

Draw 7 books on this bookshelf.

Trace the numbers then write them on the caterpillar below.



Trace the numbers. Color the squares to match.

7

4

6

How many peas are in each pod?
How many peas are there altogether?

Trace and write these numbers.

7 7

6 6

5 5

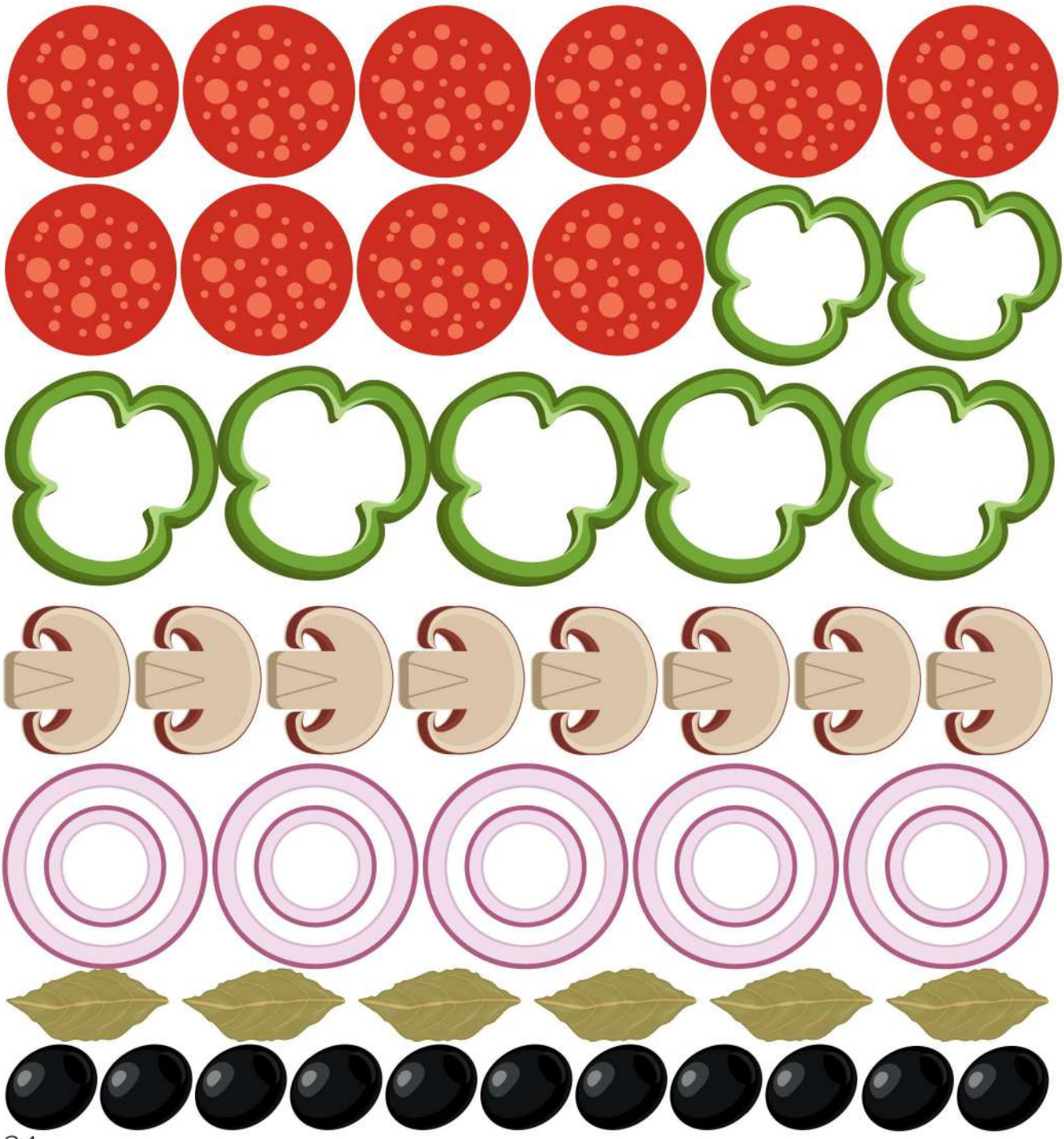
Count while you draw SEVEN seeds in each piece of fruit.

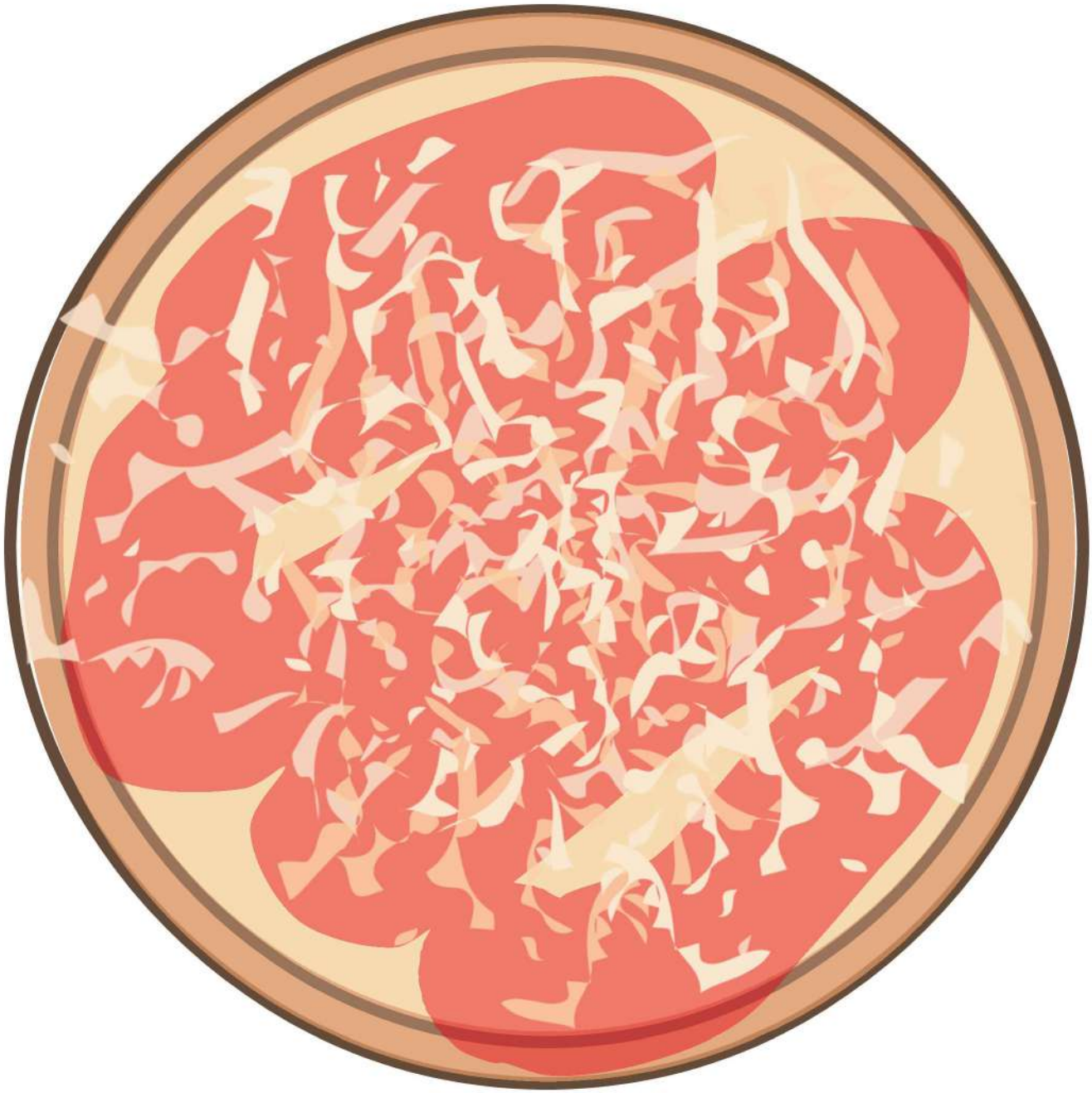
Use one triangle and some circles to draw yourself an ice cream cone.

Write the number of scoops of ice cream on each cone.

Trace and write number eight.

8 8 8





Make your own pizza, just the way you like it! Cut out the toppings on the previous page and glue them on the pizza crust above. Use as many or few of each ingredient as you want. Then fill in the numbers on the blanks below:

How many pepperoni?_____

How many onion slices? _____

How many mushroom slices? _____

How many olives? _____

How many pepper slices? _____

How many basil leaves? _____

Trace and write number nine.

9 9 9

Draw 9 onions in this row.

Draw 8 carrots in this row.

Draw 5 beets in this row.

Draw 6 cabbages in this row.

Draw 9 turnips in this row.

Draw a line to the correct box.

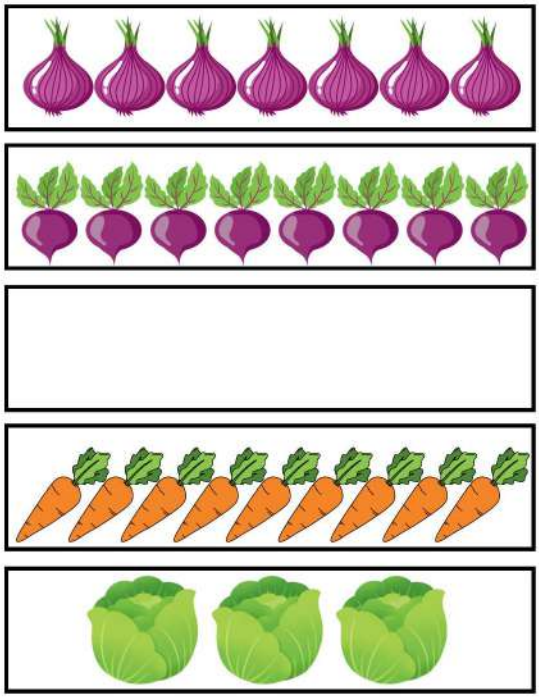
7

9

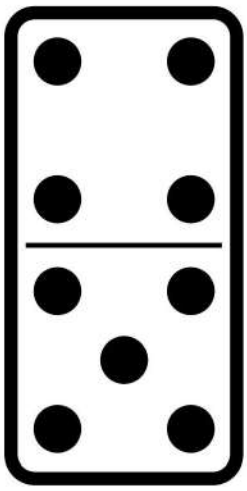
3

0

8



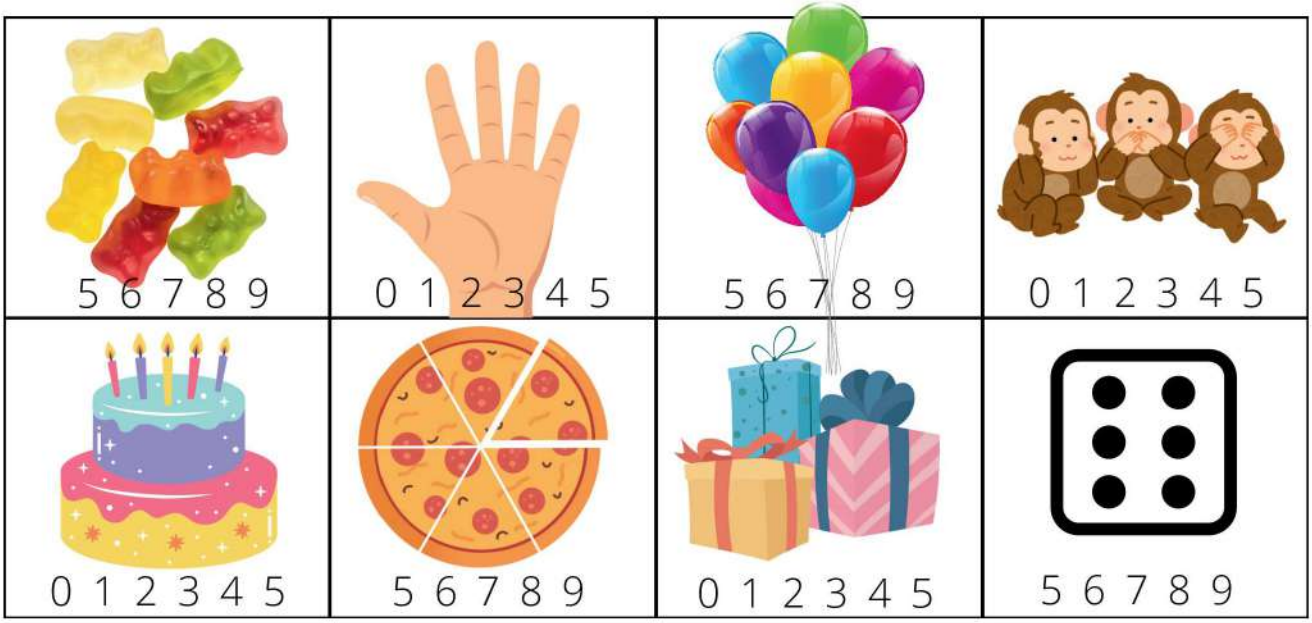
How many dots are there on each side?



How many dots are there altogether? _____

9

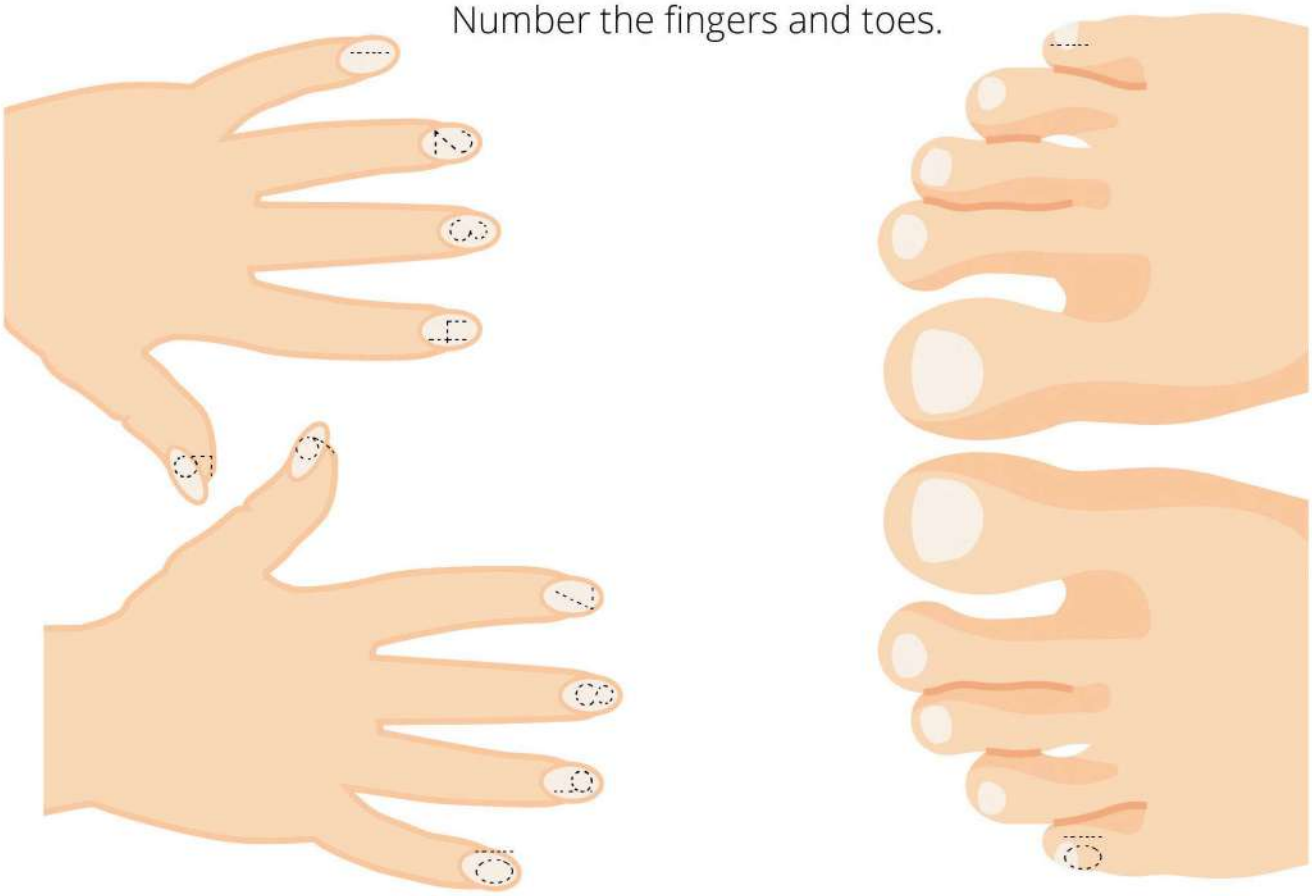
5



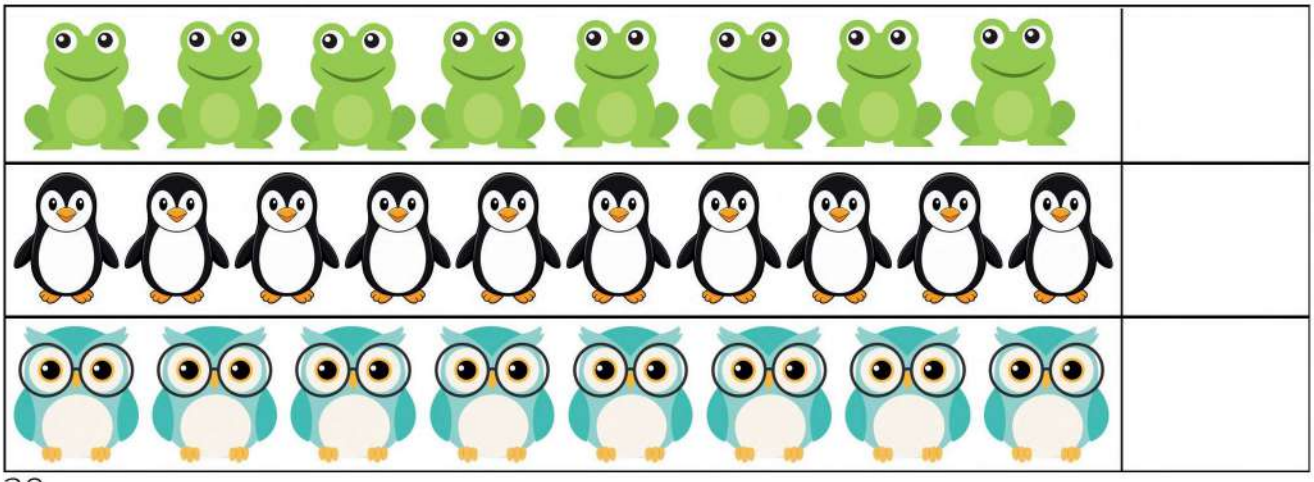
Trace and write number ten.

10 10 10

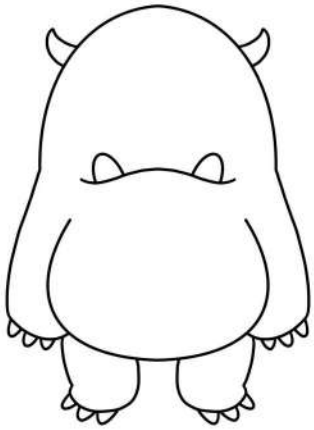
Number the fingers and toes.



Count the animals in each row and write the number in the box.

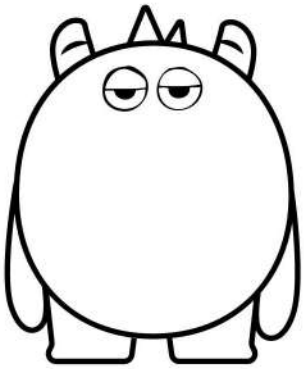


Draw ten eyes on this monster and color him.



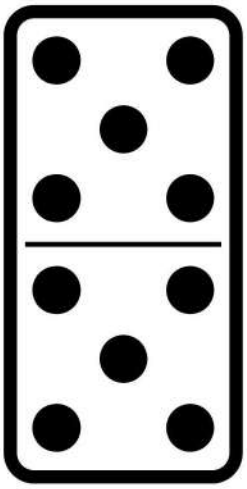
Harry needs ten legs.

Give this fella a big mouth with ten teeth.



Can you draw a monster using only the shapes you've learned?

How many dots are there on each side?



How many dots are there altogether? _____

Trace the numbers. Color the squares to match. How many squares are left?

7 _____

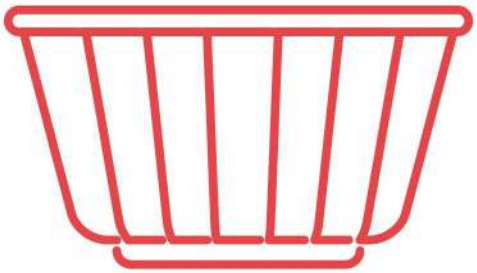
6 _____

3 _____

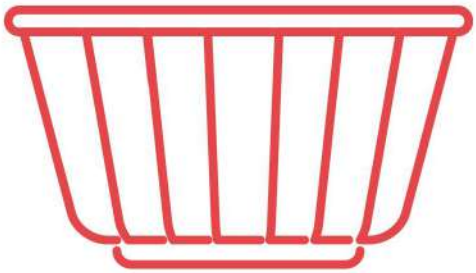
Trace and write number zero.

0 0 0

Draw three oranges and zero bananas in this basket.



Draw zero kiwi and five apples in this basket.



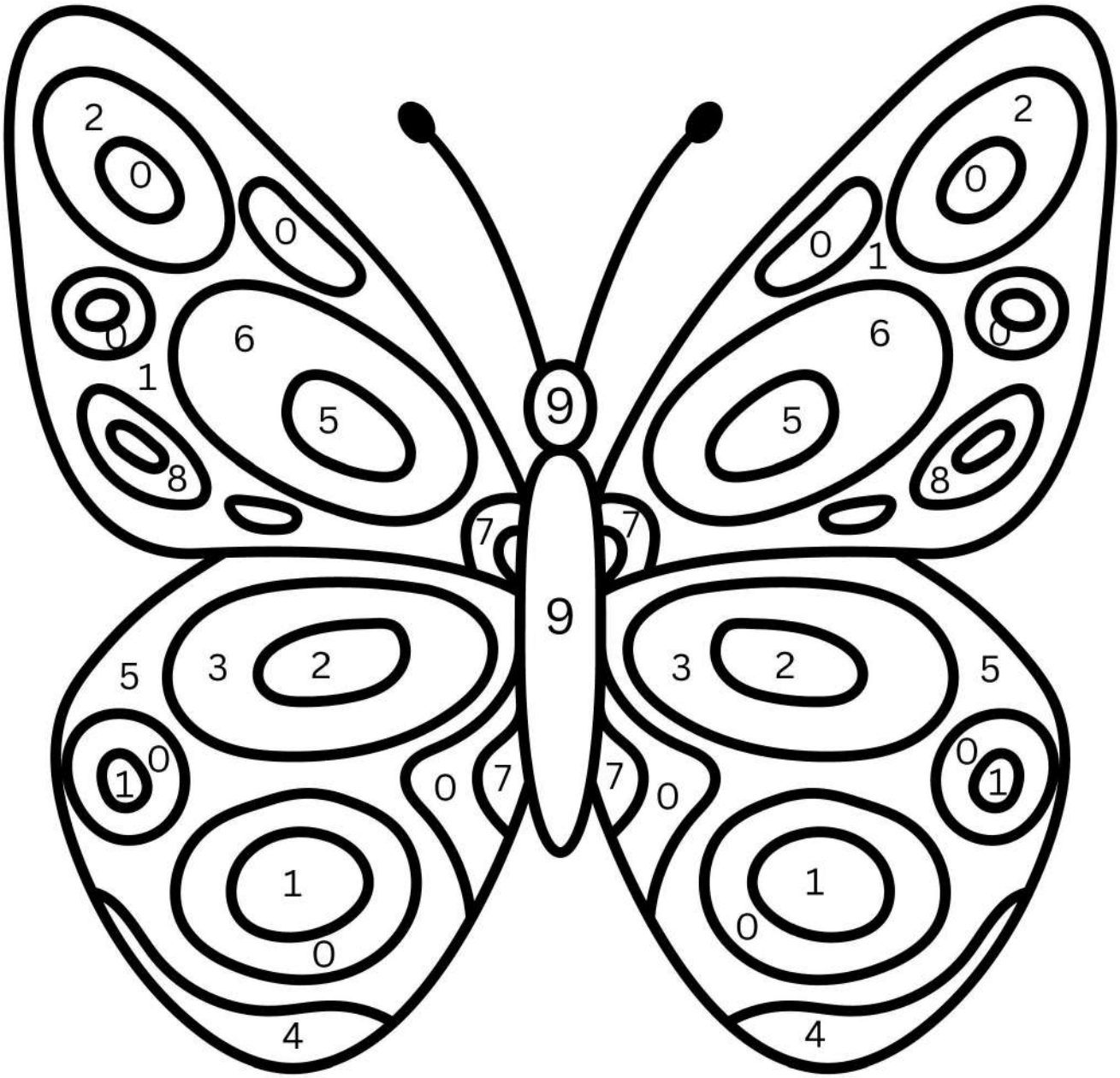
Trace the numbers. Color the squares to match. How many squares are left?

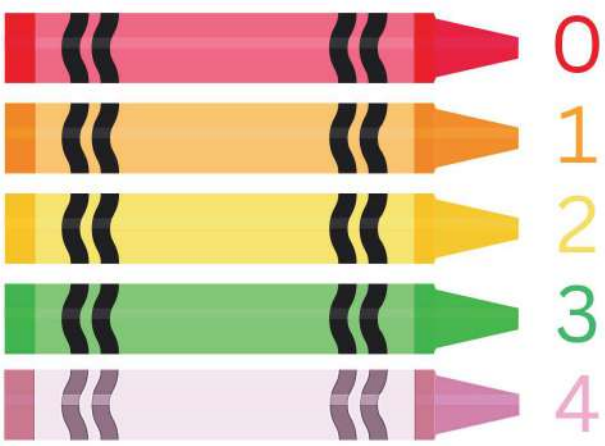
2

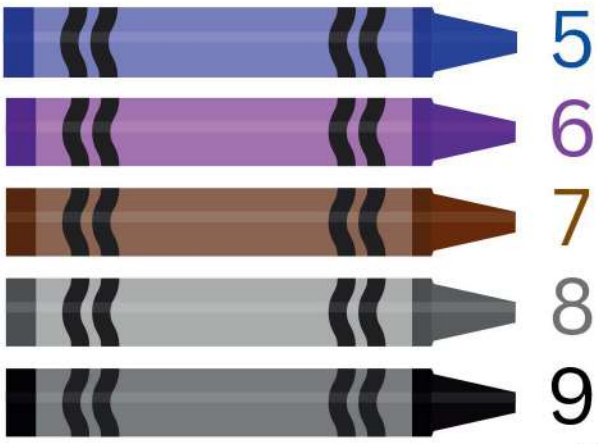
9

0

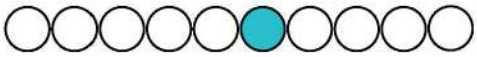
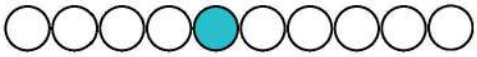
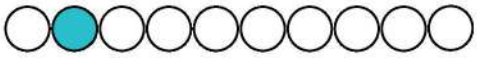
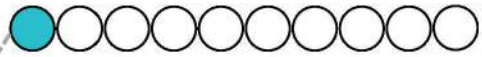
7 8 9 10	2 3 4 5	4 5 6 7	0 1 2 3
0 1 2 3	0 1 2 3	4 5 6 7	7 8 9 10


2
0
0
0
1
6
5
8
9
7
7
9
2
0
0
1
6
0
5
8
5
3
2
1
0
0
7
7
0
3
2
5
0
1
1
0
4
4

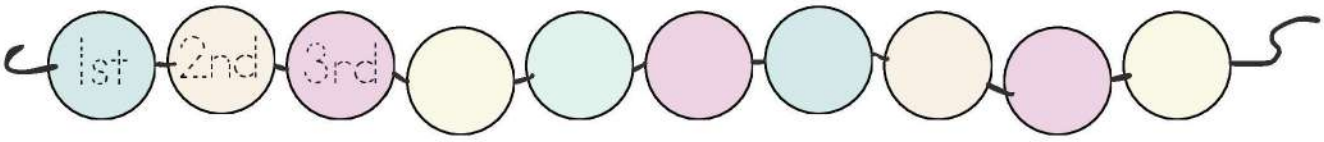

0
1
2
3
4


5
6
7
8
9

Trace each ordinal number, then draw lines to connect the columns.

1st	sixth	
2nd	seventh	
3rd	tenth	
4th	fifth	
5th	second	
6th	fourth	
7th	ninth	
8th	first	
9th	eighth	
10th	third	

Label the beads with their ordinal position.



Write the numbers, 1-10, twice.

1									10
	2	3							

Trace each ordinal number. Color the circle in that position.

5th	○○○○●	4th	○○○○○○○○○○
1st	○○○○○	9th	○○○○○○○○○○
2nd	○○○○○	7th	○○○○○○○○○○
4th	○○○○○	10th	○○○○○○○○○○
1st	○○○○○	8th	○○○○○○○○○○
3rd	○○○○○	6th	○○○○○○○○○○

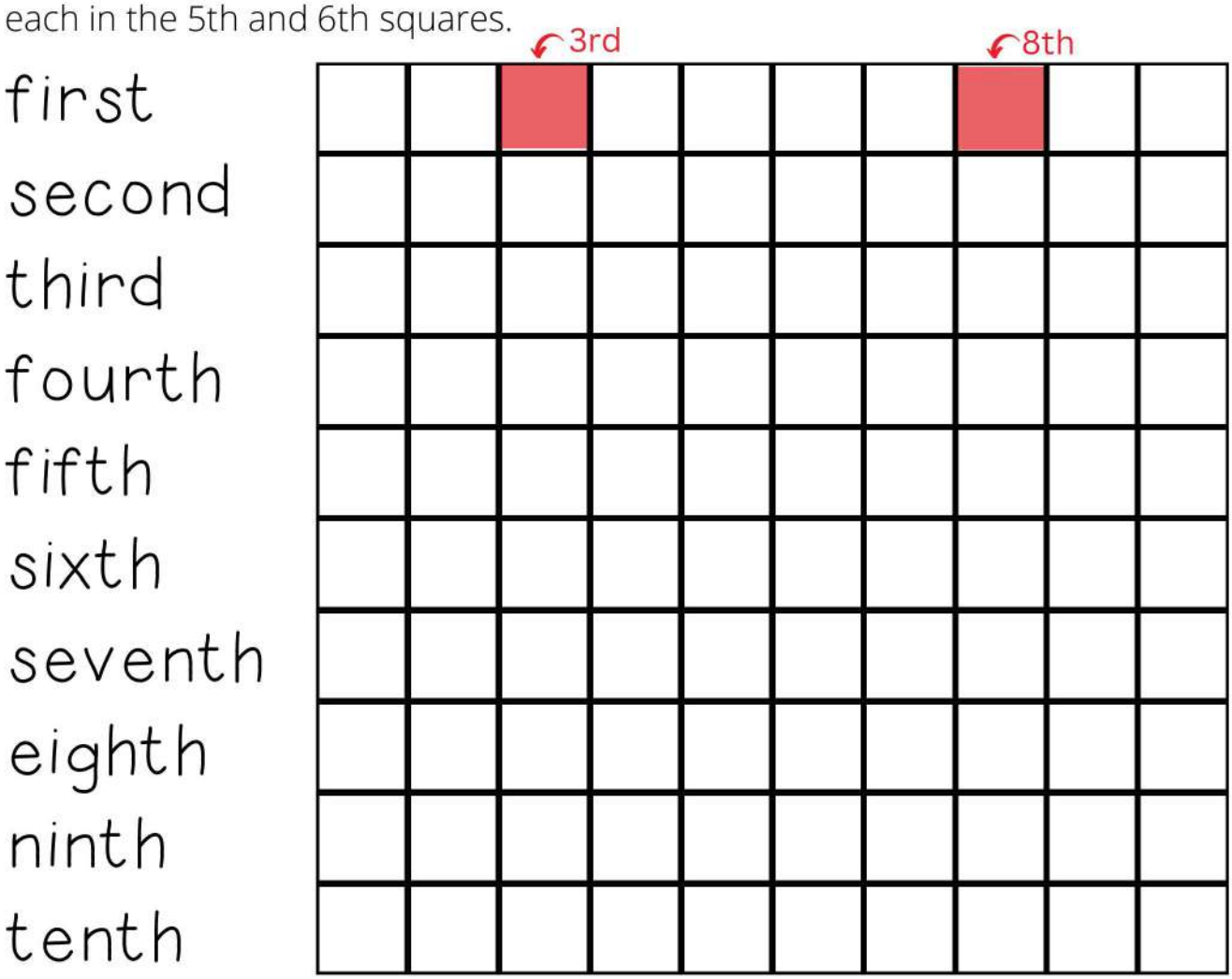
Write the correct ordinal number next to each sea animal.

	3rd				

Draw seeds in each piece of watermelon. Then write the number of seeds you drew.

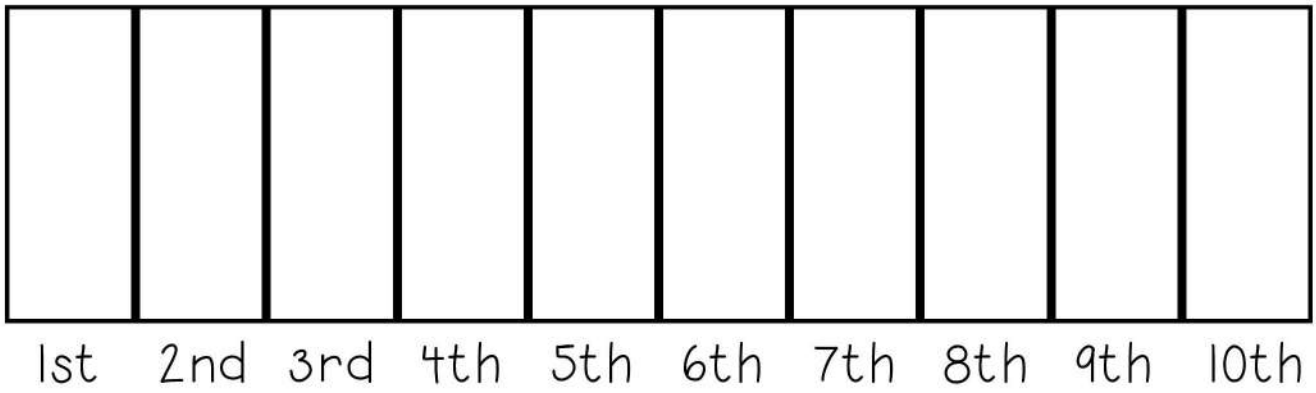
To make a pretty picture, color the squares in each row red:.

1st row: 3rd, 8th
2nd row: 2nd, 3rd, 4th, 7th, 8th, 9th
3rd row: 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th
4th row: 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th
5th row: 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th
6th row: 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th
7th row: 3rd, 4th, 5th, 6th, 7th, 8th
8th row: 4th, 5th, 6th, 7th
9th row: 5th, 6th
10th row: give your picture a point by drawing an upside-down triangle, half each in the 5th and 6th squares.



What did you draw? _____

Draw your family in the boxes below, including yourself. If you have any empty boxes, fill them with grandparents, cousins or friends.



Which ordinal number is your mom? _____

Who is the eighth person in your line? _____

Draw a hat on the person in the ninth box.

Draw sunglasses on the second person.

Which ordinal number are you? _____

Who is in your first box? _____

Who is in your tenth box? _____

Which box is last? _____

Circle the sixth box.

Draw an X over the seventh box.

Who did you draw in the third box? _____

Add a mustache to the person in the first box.

Give the person in the fourth box a superhero costume.

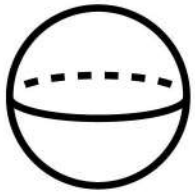
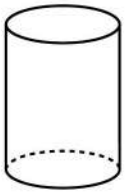
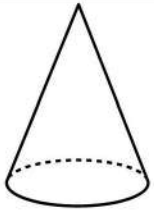
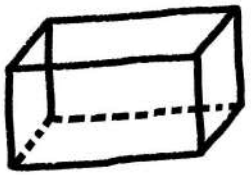
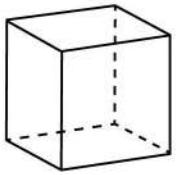
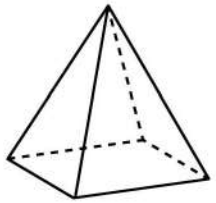
How many people did you draw? _____

Who is in your fifth box? _____

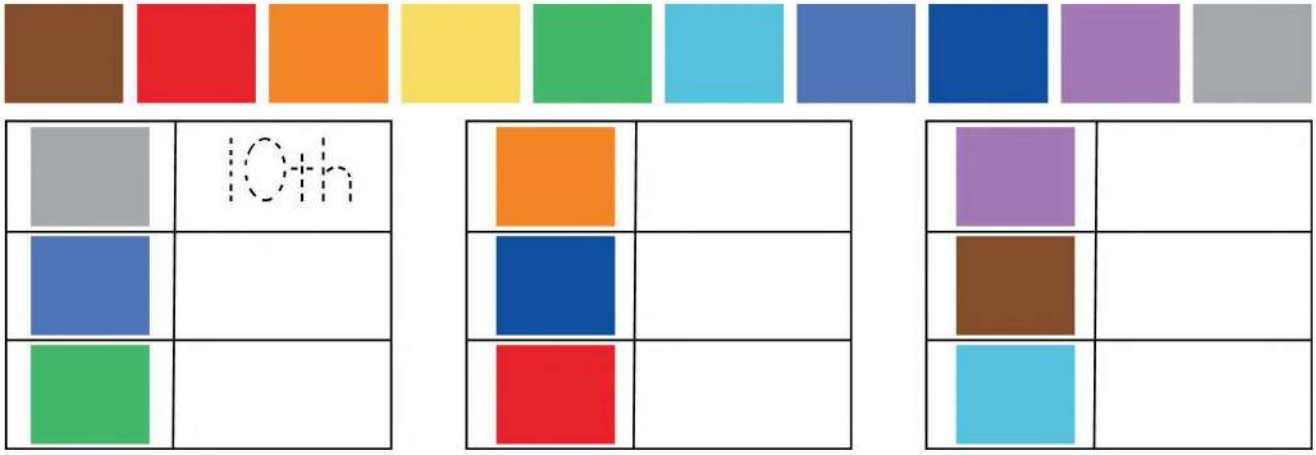
Which boxes are your parents in? _____

Going On A Shape Hunt

Look around your home for objects with the 3D shape below. Draw or write them in the correct column.

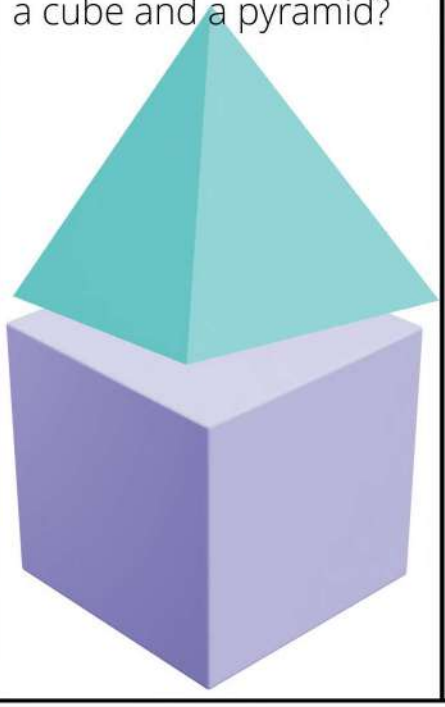
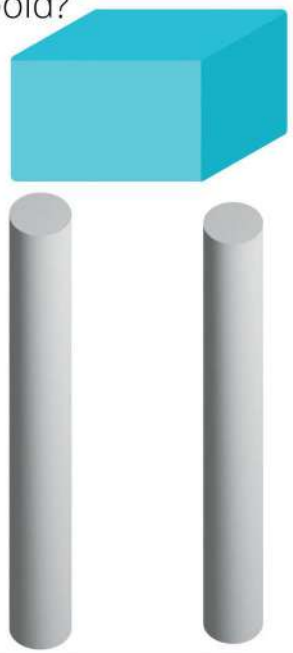
					

Write the correct ordinal number next to each color.



1. The fourth animal needs glasses.
2. Draw yourself riding the tenth animal.
3. The seventh animal has wet feet. Give it rain boots.
4. The fifth animal is a new mama. Draw a baby in her pouch.
5. Draw a bouquet of flowers being held by the second animal.
6. The first animal is hungry. Draw a banana in its hand.
7. Draw a superhero cape on the eighth animal.
8. The sixth animal has lots of big teeth and a bad toothache. Draw a bandage around its jaw.
9. Draw a giant bow on the third animal.
10. The ninth animal is going to a wedding. Give him a bow tie around his neck and a top hat.

There are no wrong answers, just be creative.

What can you build with a cone and a sphere?	What can you build with a cube and a pyramid?	What can you build with two cylinders and a cuboid?
		

Draw lines to match each 3D shape with its name.

Has zero sides ●

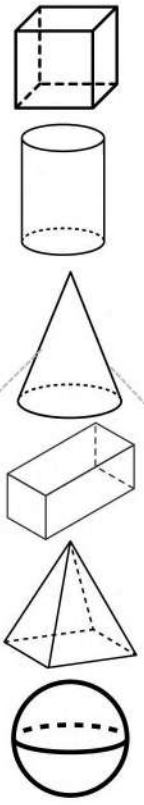
Has six square sides ●

Has a square base and four triangular sides ●

Has six sides ●

Has one flat side and one vertex ●

Has two flat sides ●



- Pyramid
- Cube
- Cuboid
- Cylinder
- Sphere
- Cone

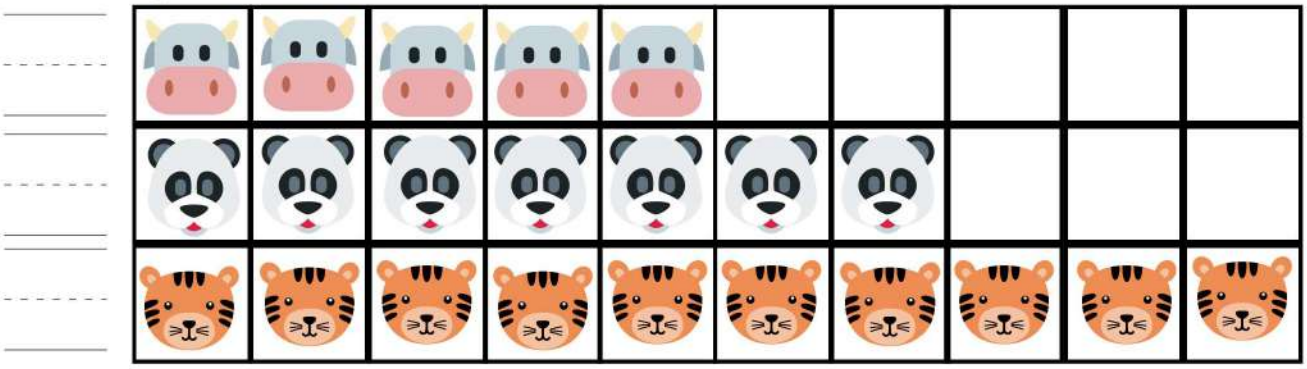
Trace and write these numbers.

10

6

1

How many are in each row?



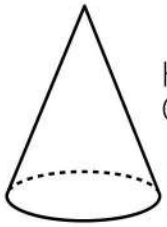
Color 5 squares orange and the rest of the squares purple. How many are purple?

Color 9 squares yellow and the rest of the squares blue. How many are blue?

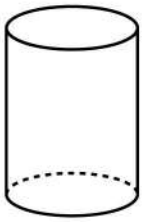
Color 1 square red. Color the rest green. How many are green?

Color 3 squares brown. How many are not colored brown?

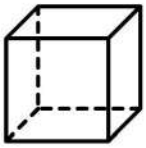
Counting the Shapes



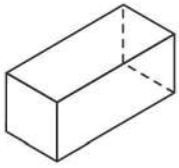
How many CONES?_____
Color them purple.



How many CYLINDERS?_____
Color them orange.

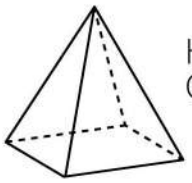


How many CUBES?_____
Color them green.

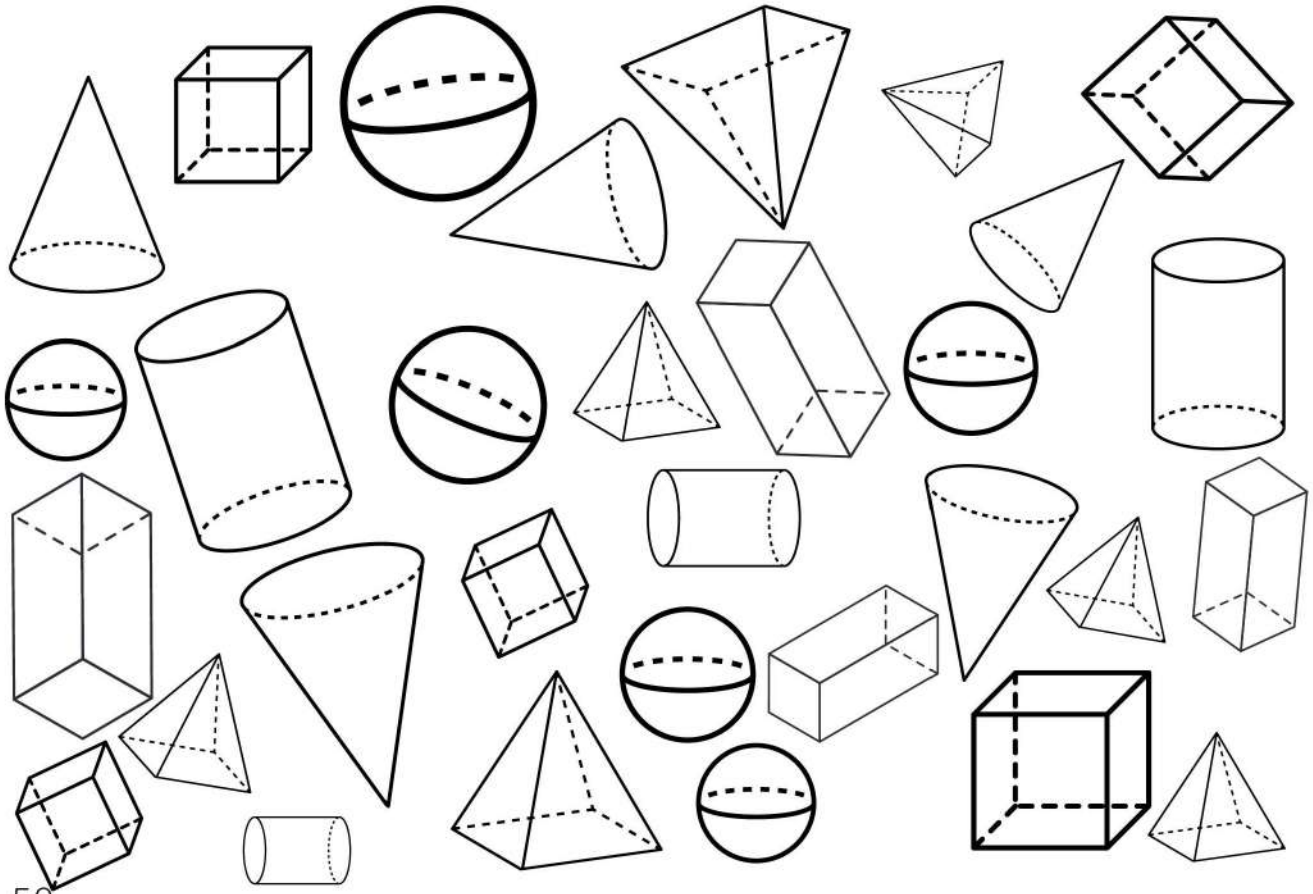


How many CUBOIDS?_____
Color them yellow.

How many SPHERES?_____
Color them blue.



How many PYRAMIDS?_____
Color them red.



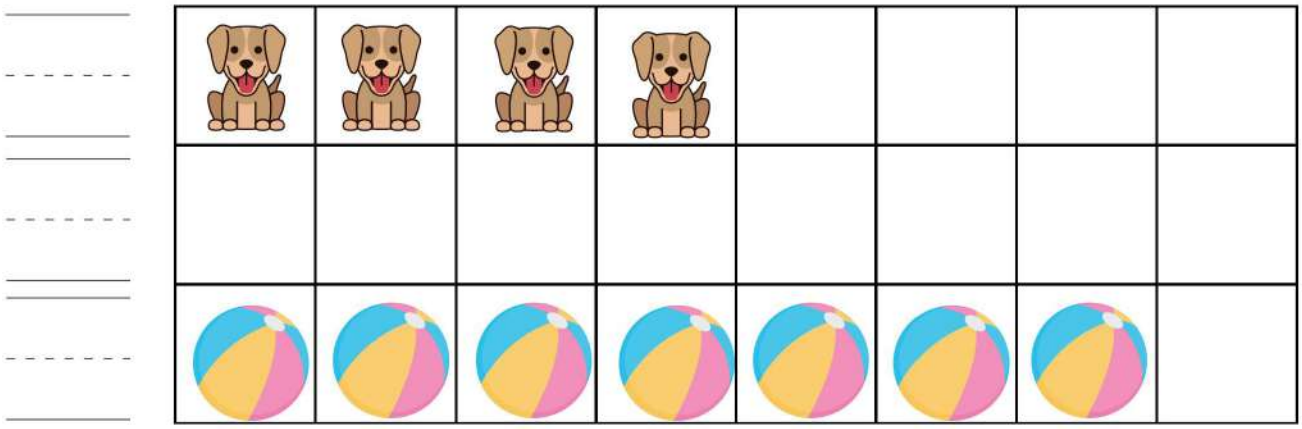
Trace and write these numbers.

2 2

0 0

5 5

How many are in each row?



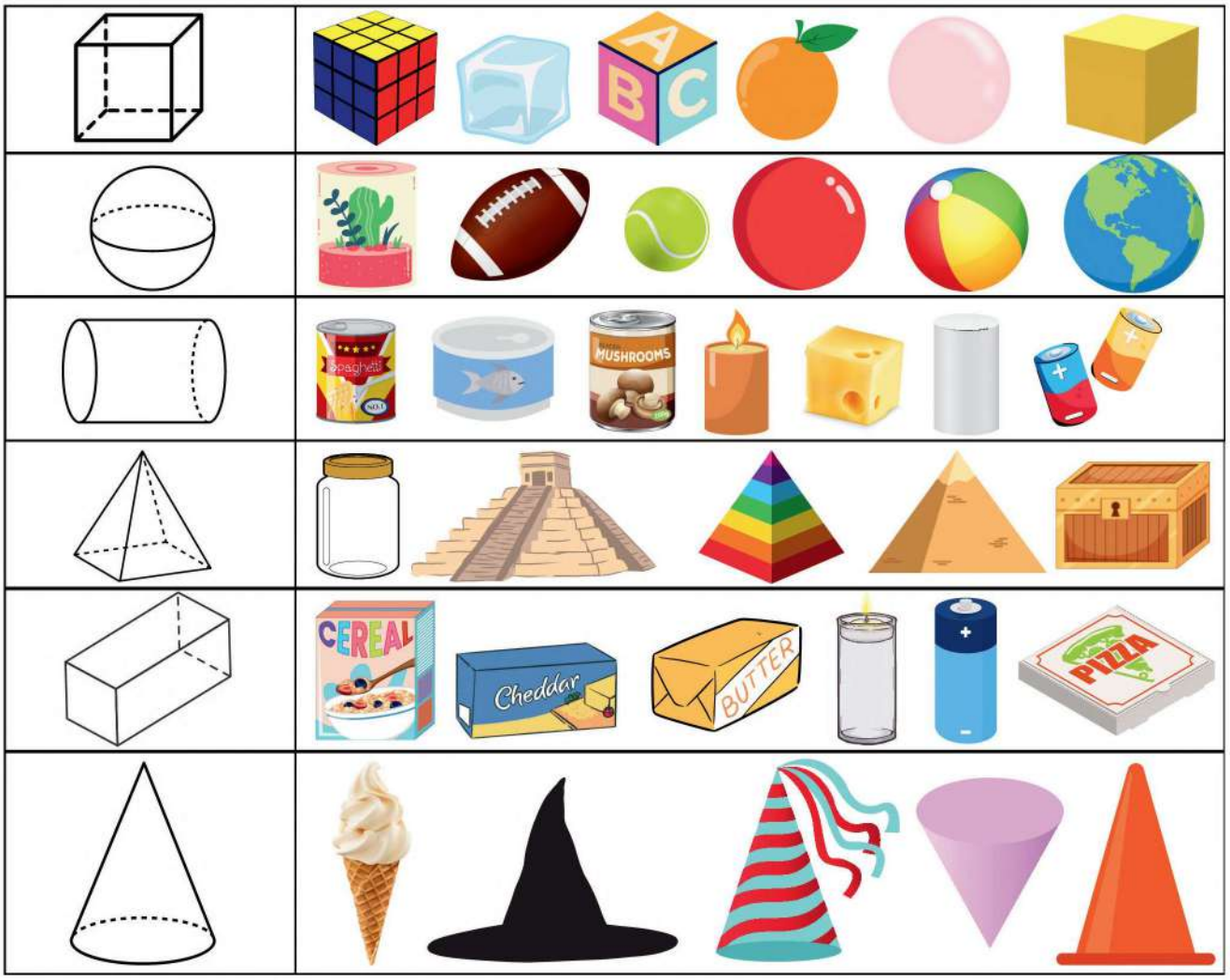
Color 2 squares yellow and the rest of the squares red. How many are red?

Color 5 squares yellow and the rest of the squares blue. How many are blue?

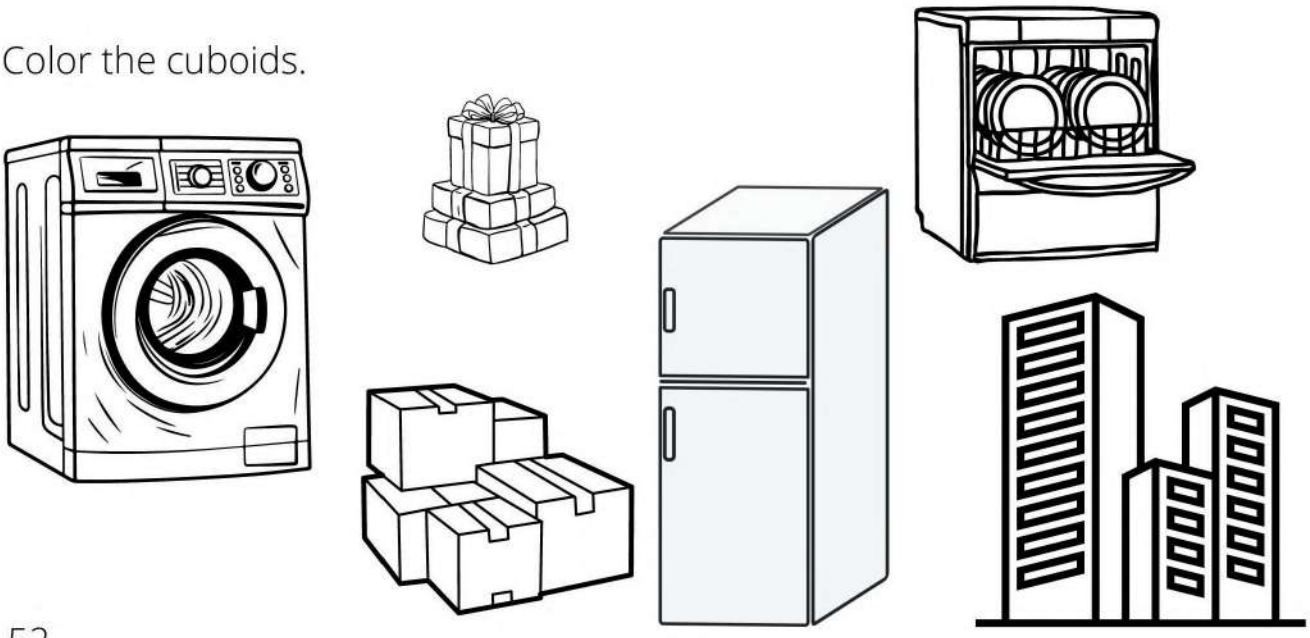
Color 7 squares orange. Color the rest green. How many are green?

Color 1 square purple. Color the rest blue. How many are blue?

Trace the first shape. Circle the objects in each row that match the first shape.



Color the cuboids.

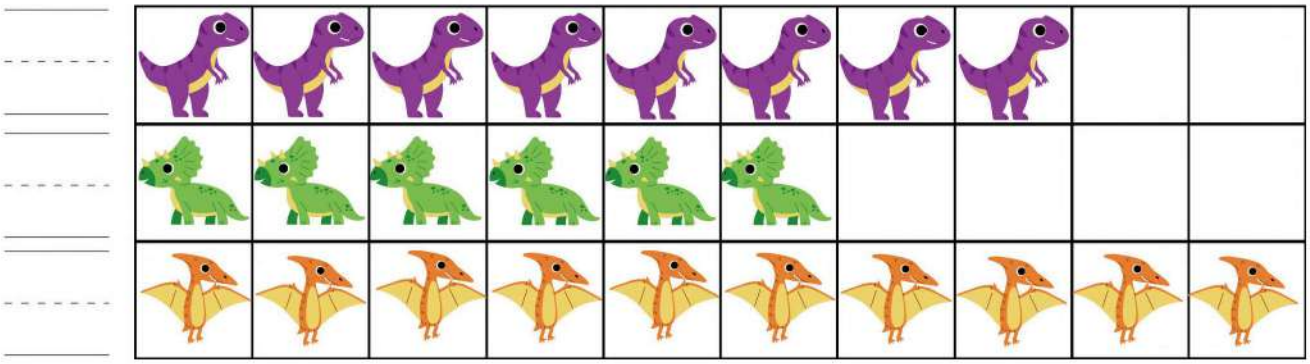


Trace and write these numbers.

7 7

3 3

How many are in each row? Circle the fifth dinosaur in each row.



Trace the ordinal numbers, then draw lines to match all columns.

seventh	8th
fifth	9th
fourth	2nd
first	4th
ninth	10th
tenth	1st
sixth	5th
third	3rd
eighth	6th
second	7th

Shape Art

In each box, draw something of the specified shape. Look around your neighborhood for ideas such as a construction CONE or a globe SPHERE or a CUBOID box of crackers. Save these drawings for your shape book.

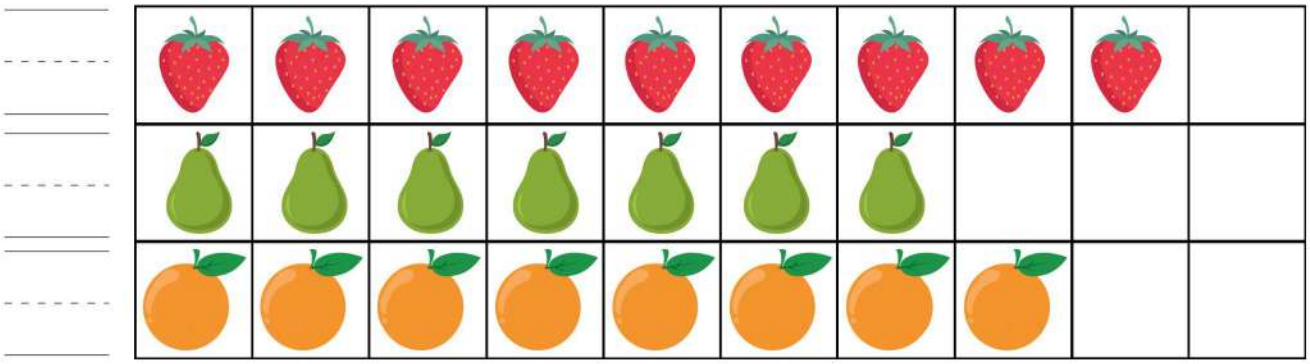
Sphere	Cylinder
Cone	Cuboid (Rectangular Prism)
Cube	Pyramid

Trace and write these numbers.

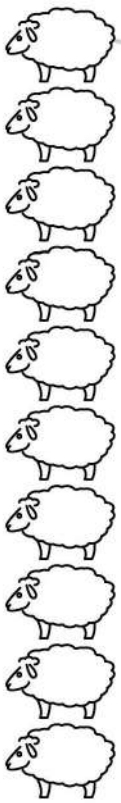
5 5

9 9

How many are in each row? Circle the third fruit in each row.



Trace the ordinal numbers, then draw lines to match all columns.



tenth

first

eighth

ninth

sixth

third

seventh

fifth

second

fourth

2nd

9th

4th

1st

8th

5th

3rd

7th

6th

10th

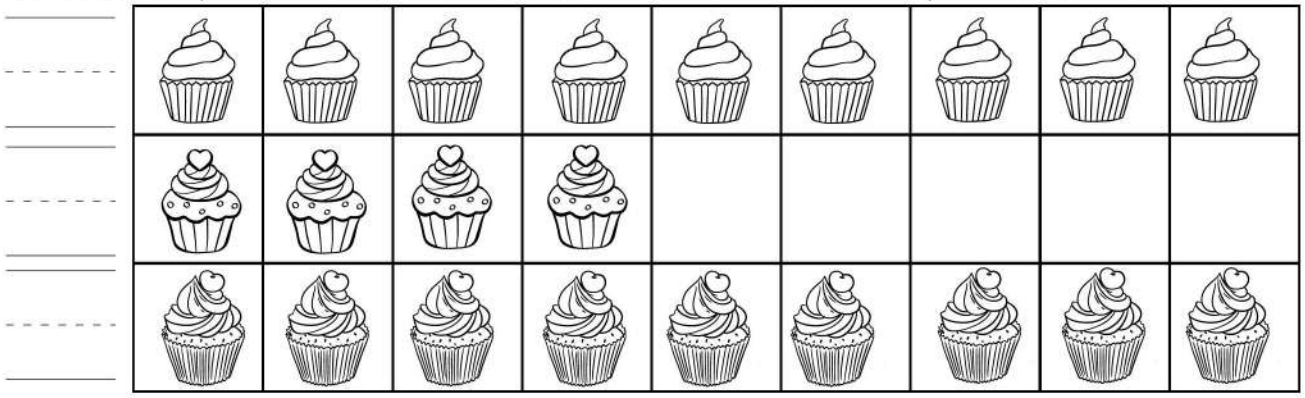
Shape Book. Label six sheets of paper across the top: Sphere, Cylinder, Cone, Cuboid (Rectangular Prism), Cube, Pyramid. Cut out and add the shapes below to the correct page. Find additional shapes in magazines/catalogs. Add these pages to the shape book you already made.

Trace and write these numbers.

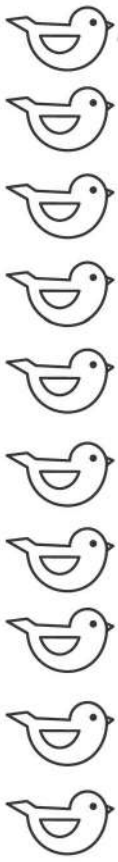
8

4

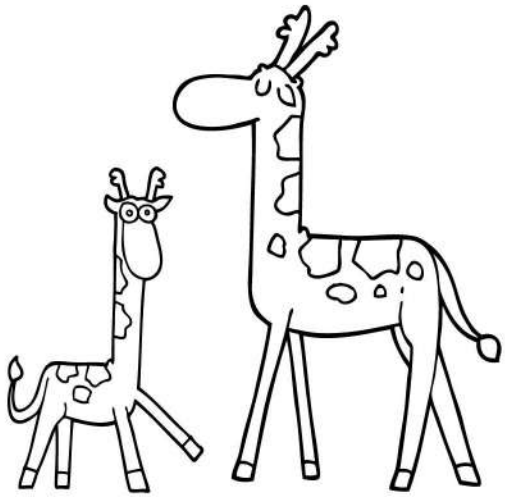
How many are in each row? Color the eighth cupcake in the first row. Color the third cupcake in the second row. Color the ninth cupcake in the third row.



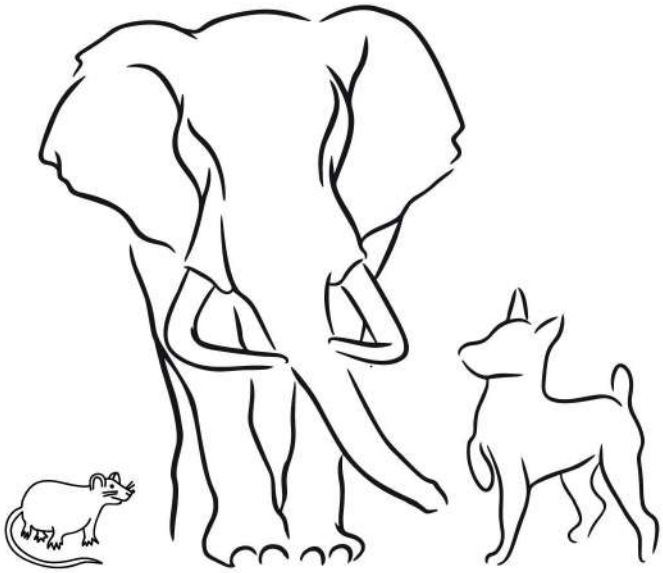
Trace the ordinal numbers, then draw lines to match all columns.



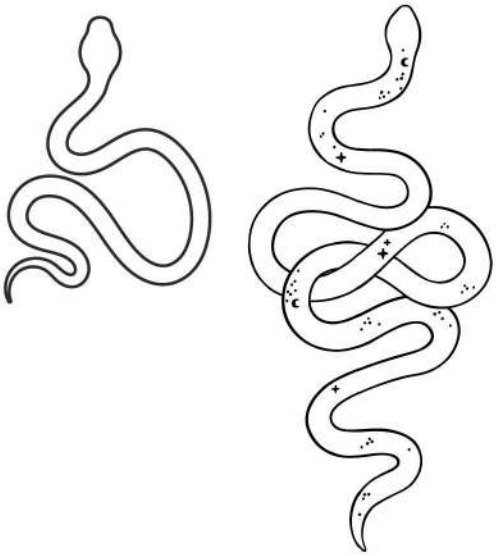
fifth	3rd
first	10th
eighth	8th
ninth	1st
sixth	4th
third	5th
seventh	2nd
fourth	6th
second	7th
tenth	9th



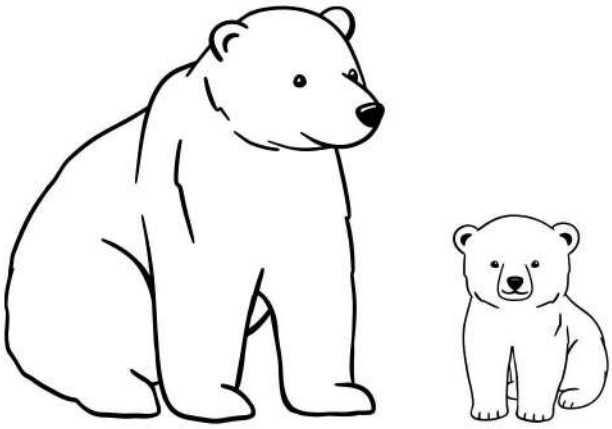
Draw a red scarf on the taller giraffe.
Draw boots on the shorter giraffe.



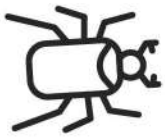
Draw a top hat on the biggest animal.
Draw a sweater on the smallest animal.



Color the longest snake green.
Color the shortest snake yellow.



Color the small bear brown.
Color the big bear black.



Draw three more beetles.

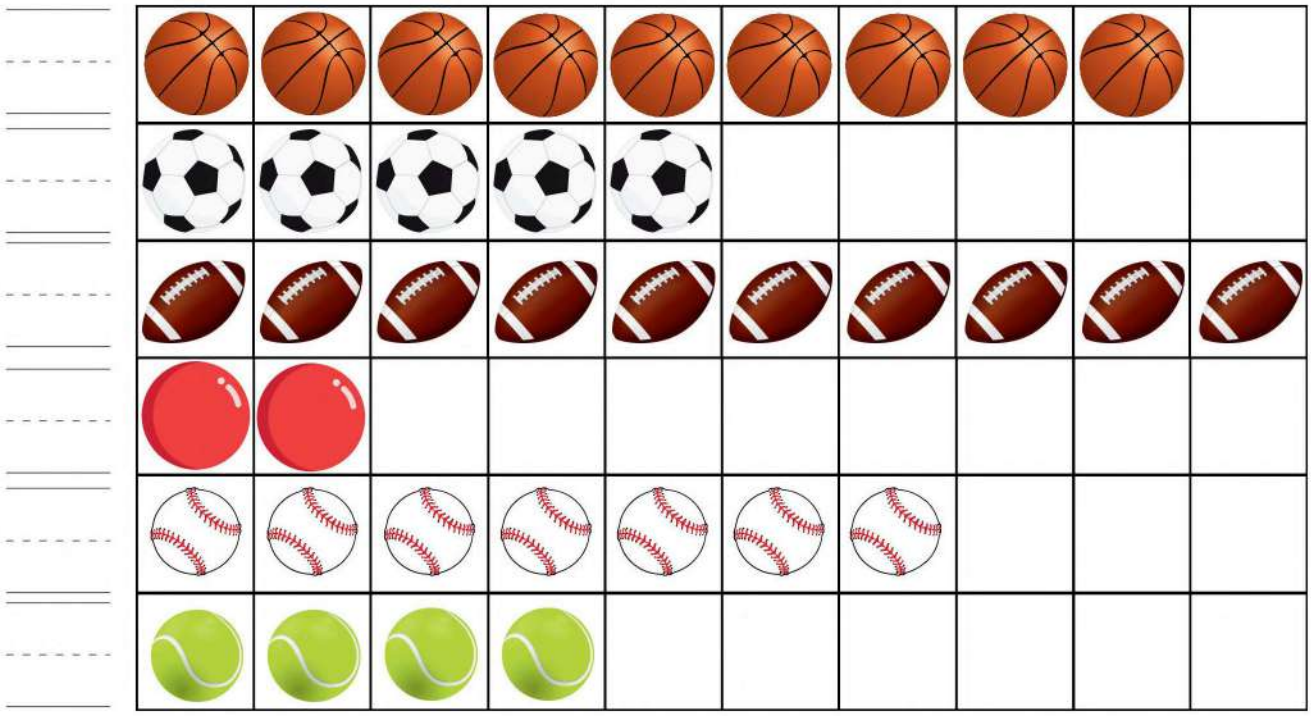
Big

Bigger

Biggest

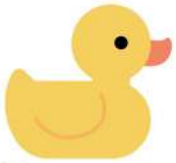
Write the correct ordinal number next to each animal.

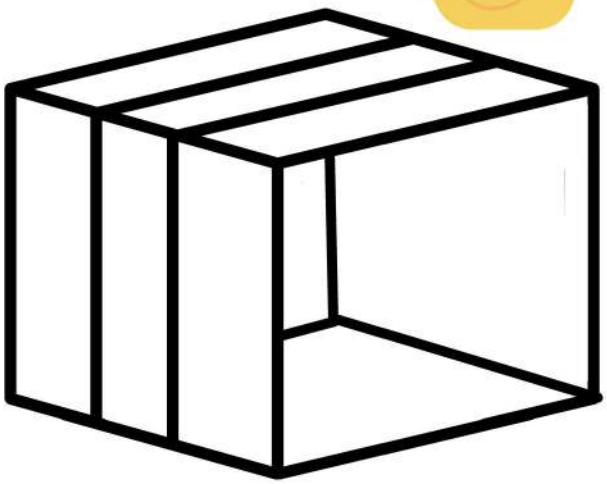
How many are in each row? Circle the second ball in each row.



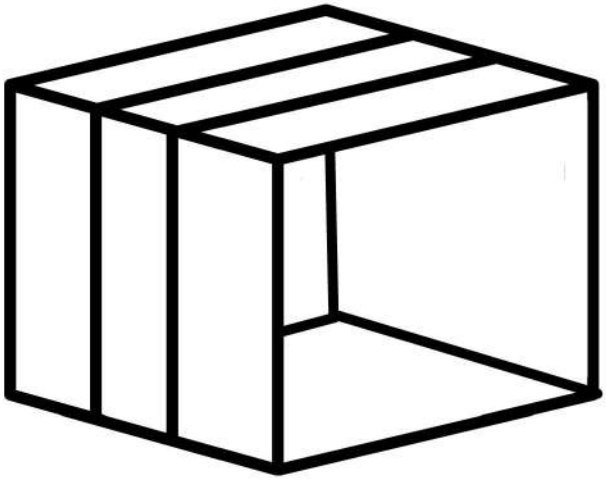
Write the numbers 1 - 10.

Draw rubber ducky:

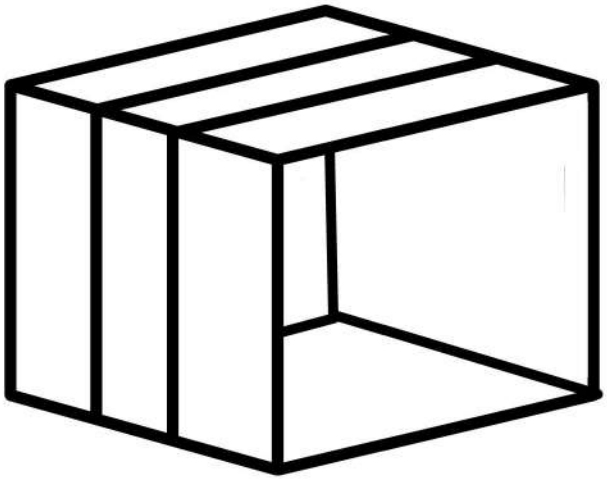




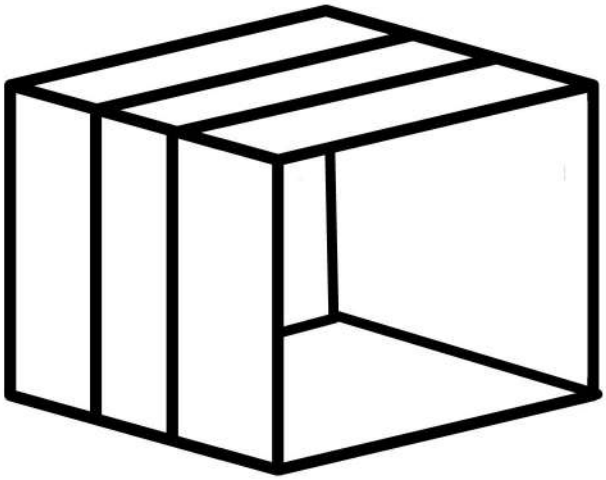
Inside the box.



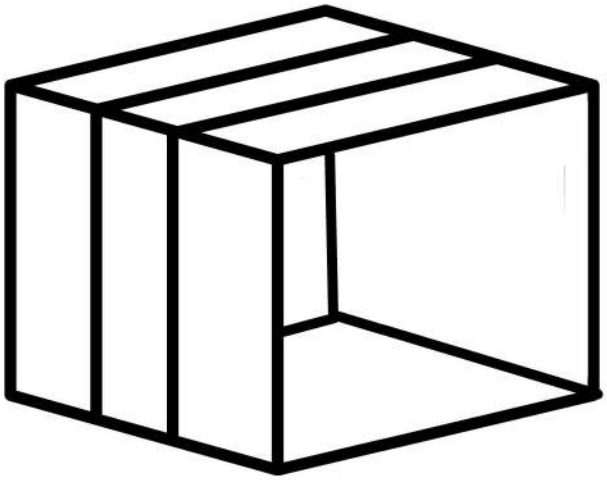
Outside of the box.



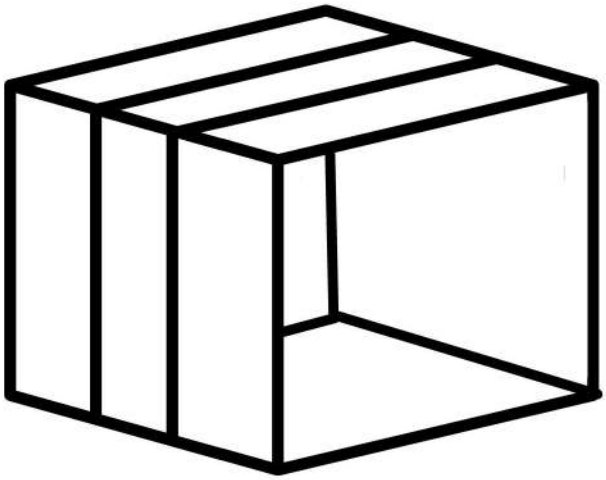
Above the box.



Below the box.



Before the box.

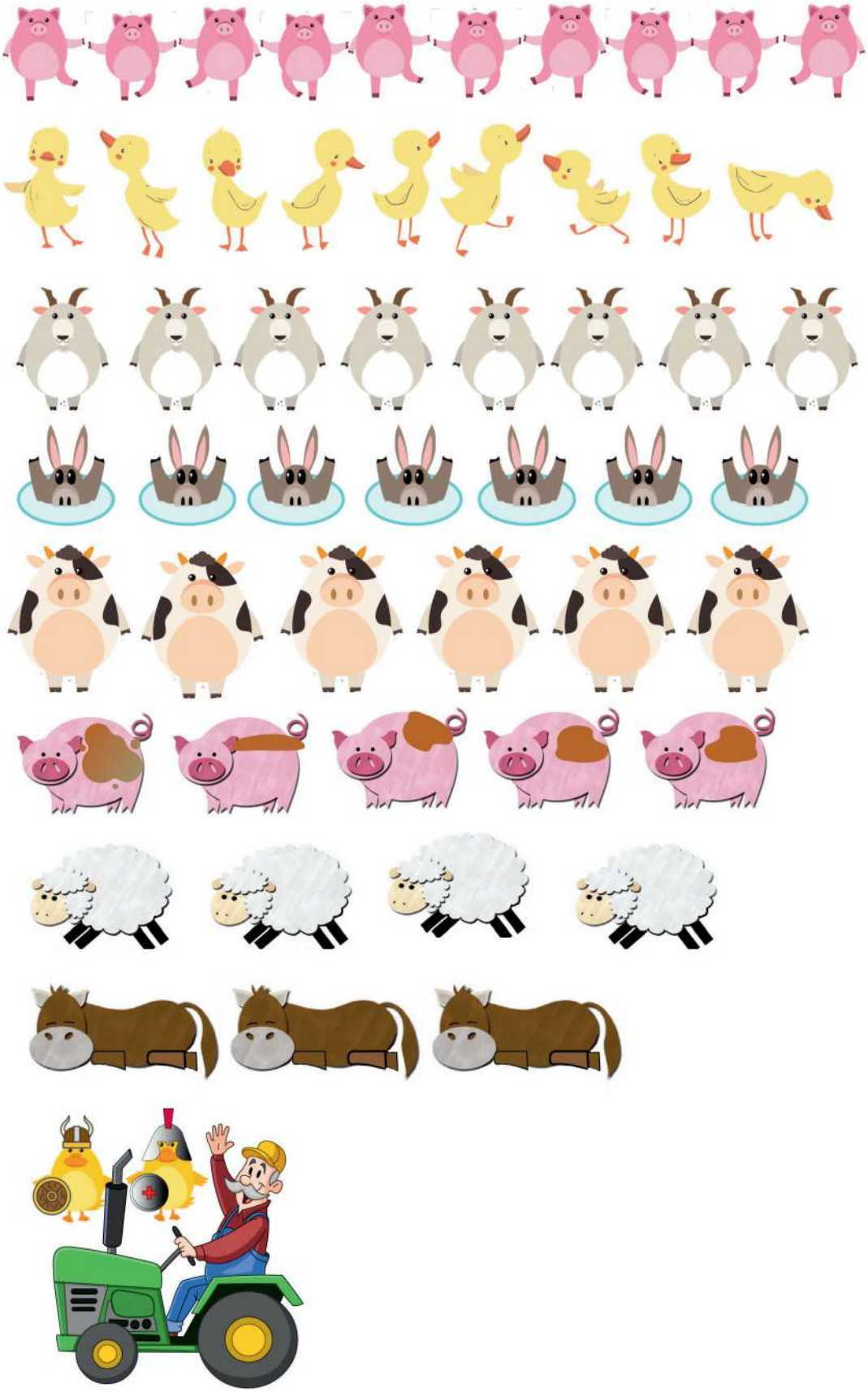


After the box.

Position Words

1. Color the pillow **ON TOP** of the chair green.
2. Color the rubber ducky **BELOW** the dresser yellow.
3. Color the frame **ABOVE** the dresser blue.
4. There are two boxes **ON** the dresser. Color the **SMALLEST** box blue and the **BIGGEST** box grey.
5. Color the drape **AROUND** the crib yellow.
6. Color the blanket **INSIDE** the basket yellow.
7. Color the basket **BESIDE** the chair brown.
8. Color the ball **BETWEEN** the chair and the crib red.
9. Draw a baby toy **ON** the rug.
10. Draw a baby **INSIDE** the crib.

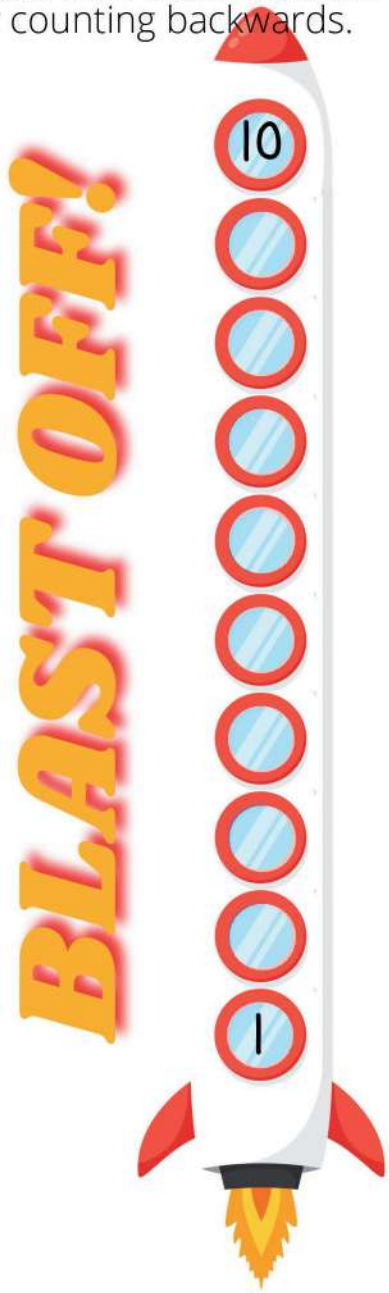
How many animals are in each row?



Use the clues to determine whether to count forwards or backwards and fill in the missing numbers.

5				1
5				9
10				6
	7	6		
	5		3	
	5	6		
	6	5		

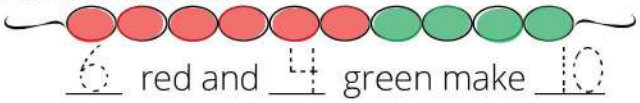
Make the rocket blast off by counting backwards.



Count backwards from 10 to 1.

10									1
		8		6					
					5			2	

Let's make ten!



6 red and 4 green make 10

___ red and ___ green make ___

___ red and ___ green make ___

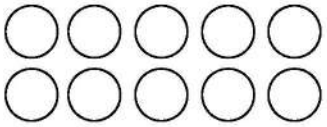
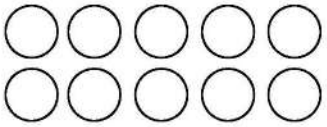
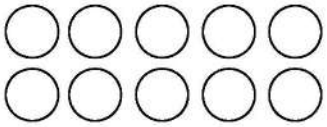
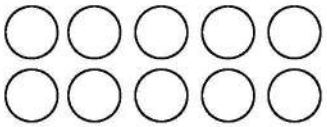
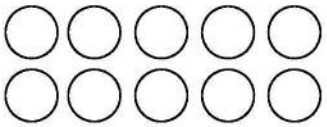
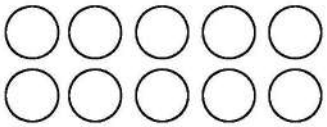
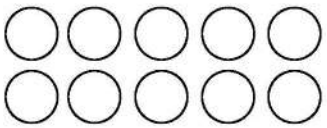
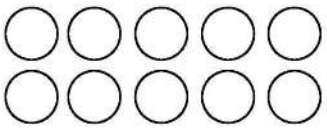
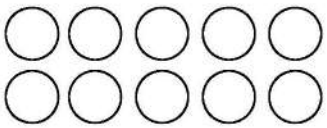
___ red and ___ green make ___

___ red and ___ green make ___

___ red and ___ green make ___

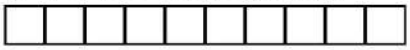
Color 3 squares blue. Color the rest of the squares yellow. 3 and ☐ make 10	Color 6 squares blue. Color the rest of the squares yellow. 6 and ☐ make 10
Color 8 squares blue. Color the rest of the squares yellow. 8 and ☐ make 10	Color 2 squares blue. Color the rest of the squares yellow. 2 and ☐ make 10
Color 1 square blue. Color the rest of the squares yellow. 1 and ☐ make 10	Color 7 squares blue. Color the rest of the squares yellow. 7 and ☐ make 10
Color 5 squares blue. Color the rest of the squares yellow. 5 and ☐ make 10	Color 4 squares blue. Color the rest of the squares yellow. 4 and ☐ make 10
Color 10 squares blue. Color the rest of the squares yellow. 10 and ☐ make 10	Color 9 squares blue. Color the rest of the squares yellow. 9 and ☐ make 10

Let's make ten. Color circles to help you find the missing number.

5 and ___ make 10 	0 and ___ make 10 	2 and ___ make 10 
1 and ___ make 10 	4 and ___ make 10 	6 and ___ make 10 
3 and ___ make 10 	7 and ___ make 10 	9 and ___ make 10 

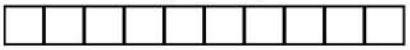
And means Plus (+); Make means Equals (=)

Color 5 squares blue. Color the rest of the squares yellow.



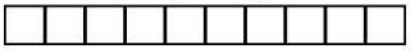
$5 + \square = 10$

Color 7 squares blue. Color the rest of the squares yellow.



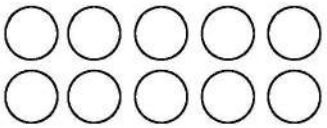
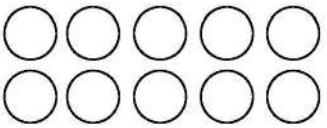
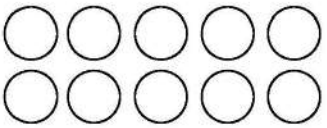
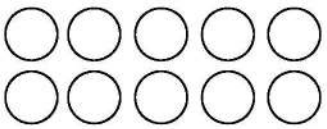
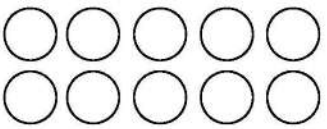
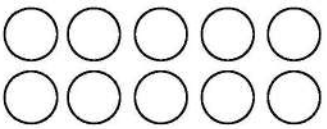
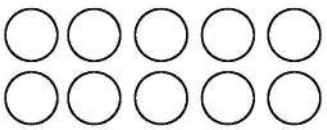
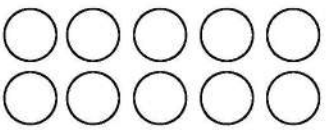
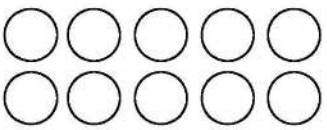
$7 + \square = 10$

Color 2 squares blue. Color the rest of the squares yellow.

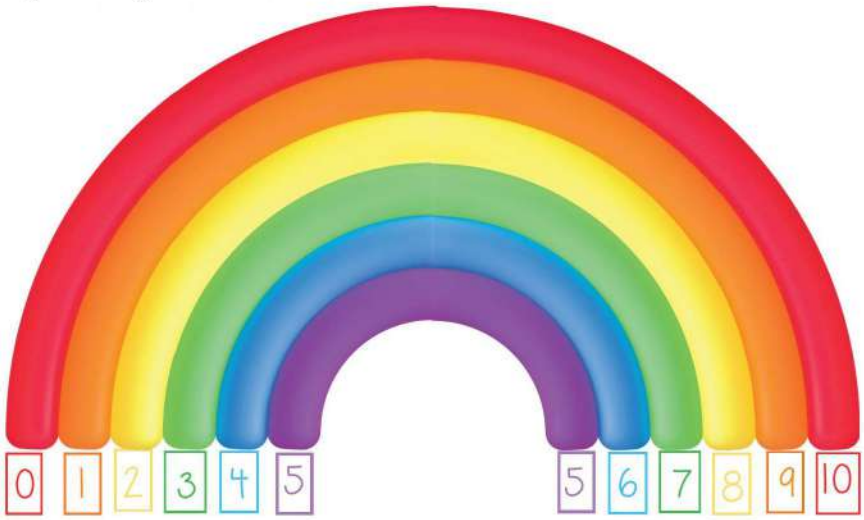


$2 + \square = 10$

Let's make ten. Color circles to help you find the missing number.

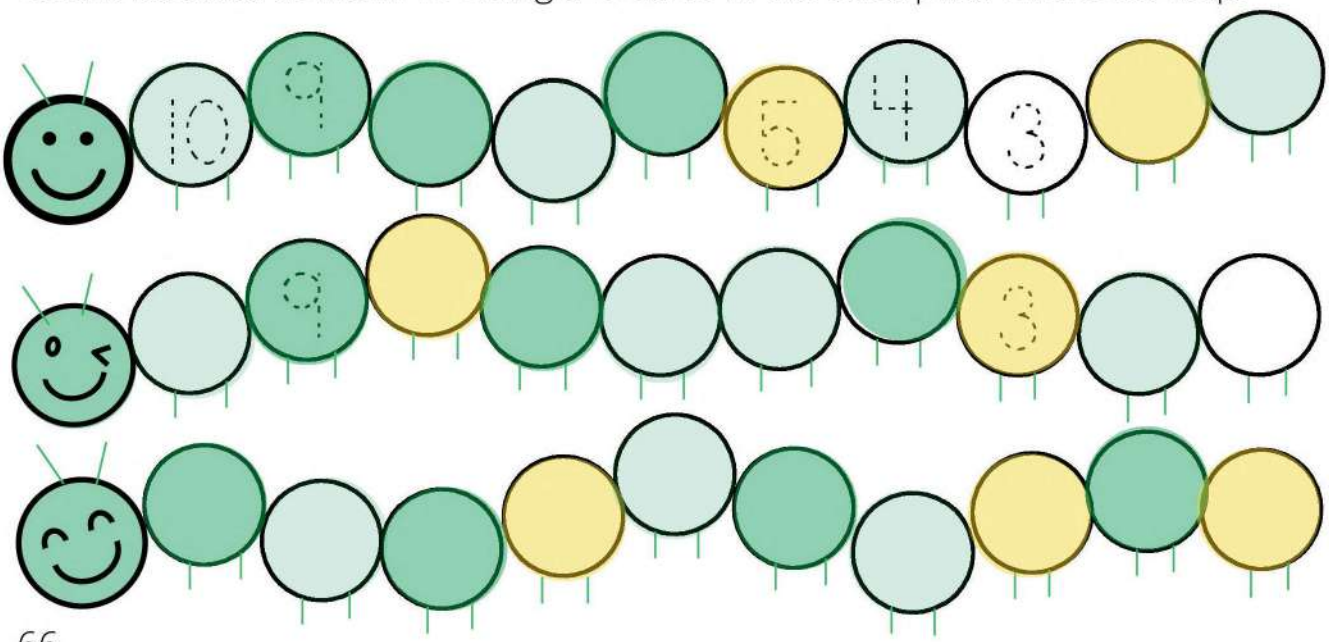
5 + ___ = 10 	0 + ___ = 10 	2 + ___ = 10 
1 + ___ = 10 	4 + ___ = 10 	6 + ___ = 10 
3 + ___ = 10 	7 + ___ = 10 	9 + ___ = 10 

How many ways can you make ten?

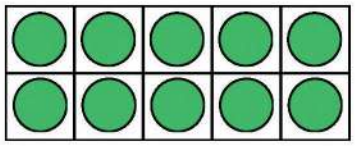


___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	

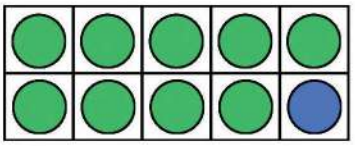
Count backwards from 10 using the clues in the caterpillar circles to help.



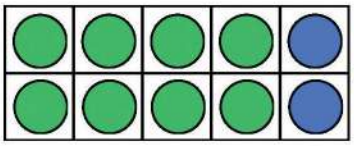
Can you find the tens partners?



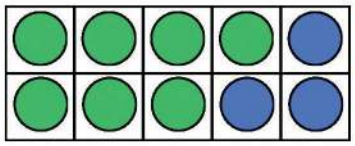
10 + ____ = 10



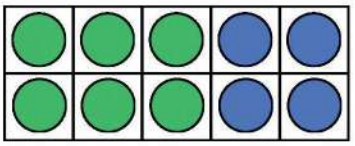
9 + ____ = 10



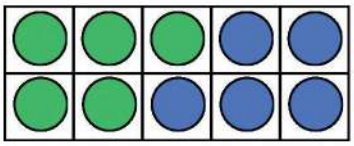
8 + ____ = 10



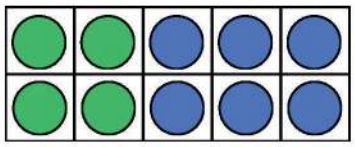
7 + ____ = 10



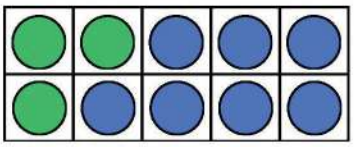
6 + ____ = 10



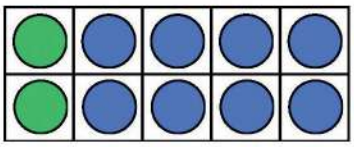
5 + ____ = 10



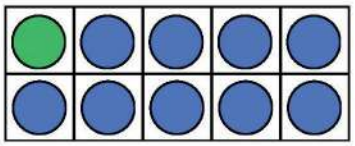
4 + ____ = 10



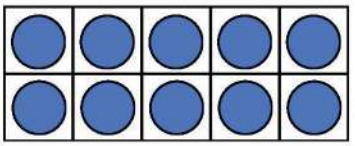
3 + ____ = 10



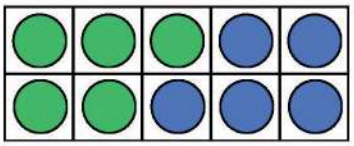
2 + ____ = 10



1 + ____ = 10

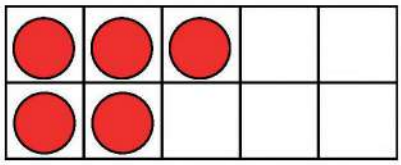


0 + ____ = 10

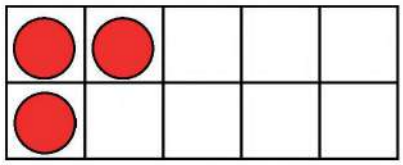


5 + ____ = 10

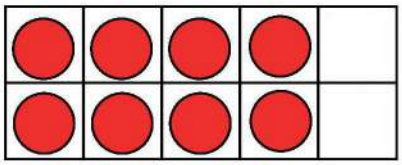
Let's make ten!



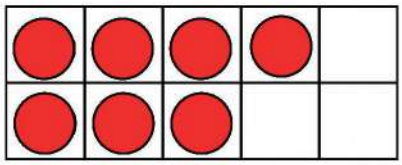
I need ____ more to make ten



I need ____ more to make ten

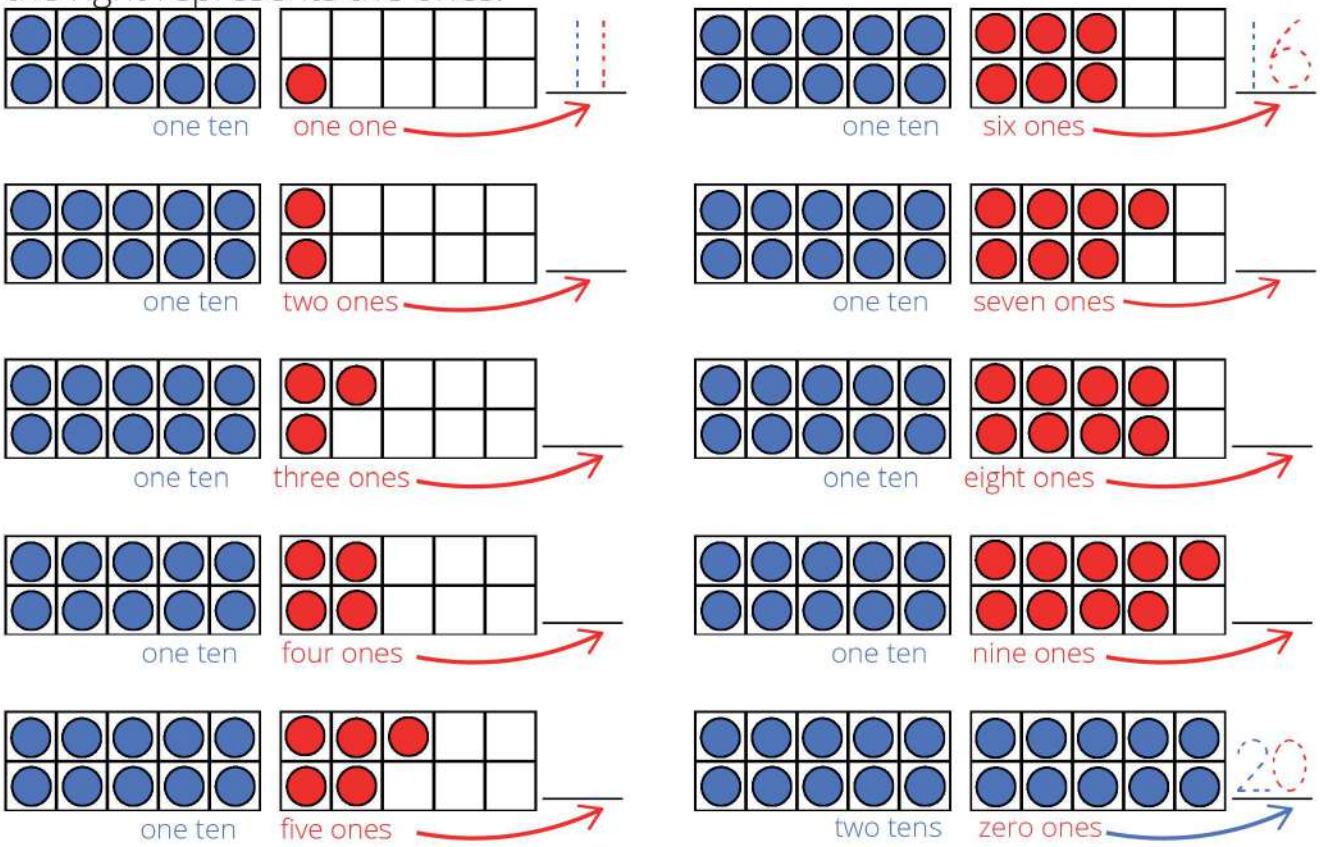


I need ____ more to make ten

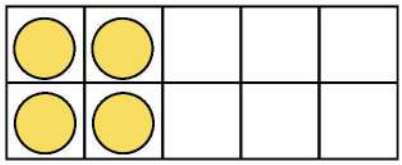


I need ____ more to make ten

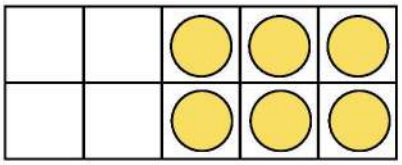
Each of the ten-frames on the left represent a ten. Each of the ten-frames on the right represents the ones.



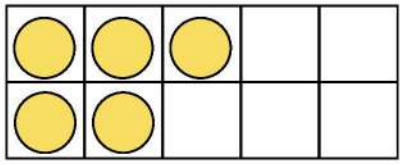
Let's make ten!



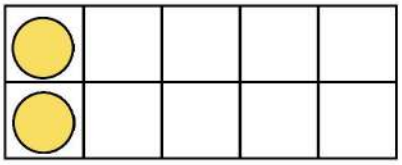
I need ____ more to make ten



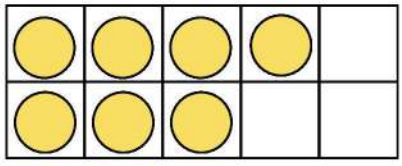
I need ____ more to make ten



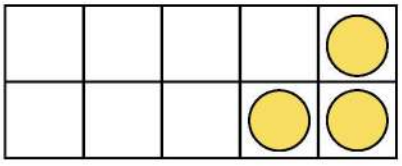
I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten

Use counters in the ten frame to help you visualize the answers to the problems.

$1 + \square = 10$ $\quad$ $6 + \square = 10$

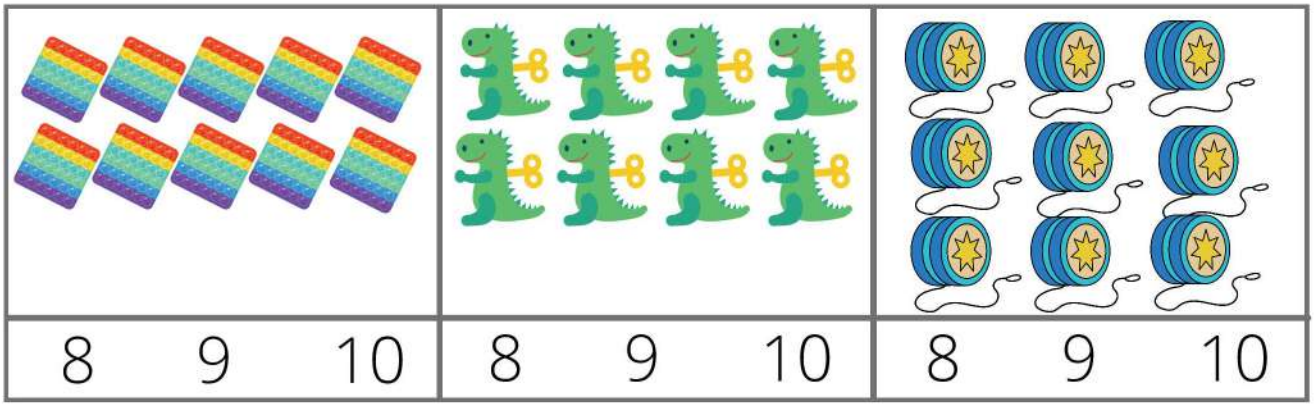
$2 + \square = 10$ $\quad$ $7 + \square = 10$

$3 + \square = 10$ $\quad$ $8 + \square = 10$

$4 + \square = 10$ $\quad$ $9 + \square = 10$

$5 + \square = 10$ $\quad$ $10 + \square = 10$

How many are in each box?



8 9 10	8 9 10	8 9 10

Trace each number and write it a few more times.

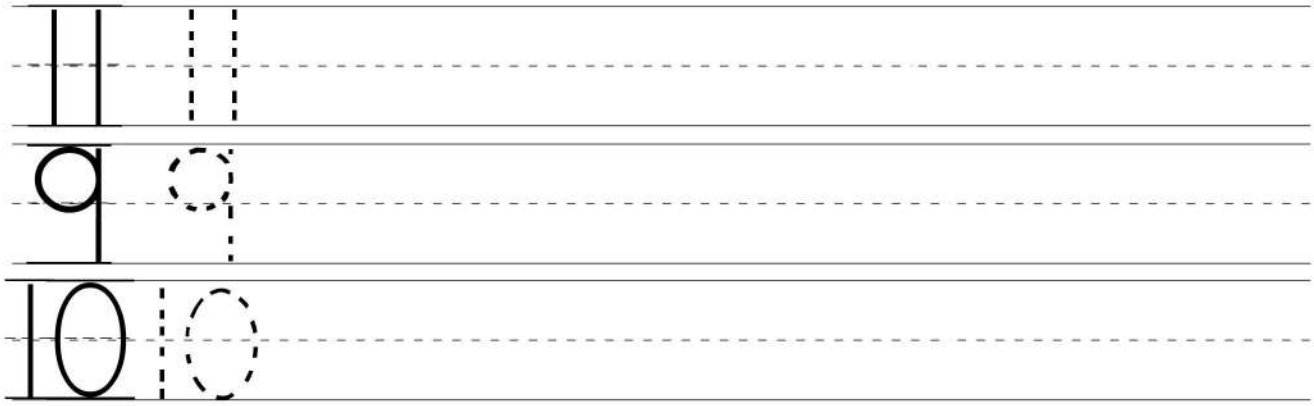
1 2 3

4 5 6

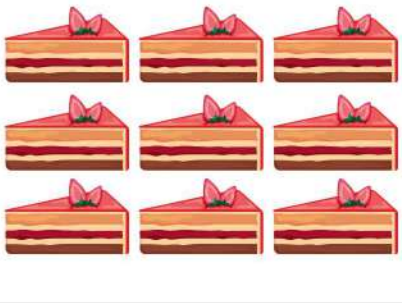
7 8 9

10

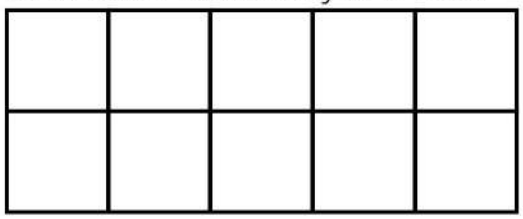
Trace and write these numbers.



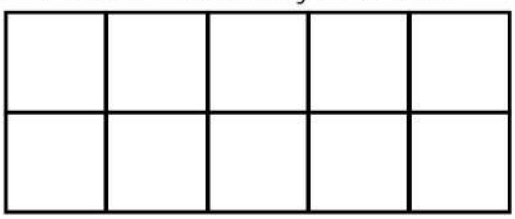
How many are in each box?

		
9 10 11	9 10 11	9 10 11

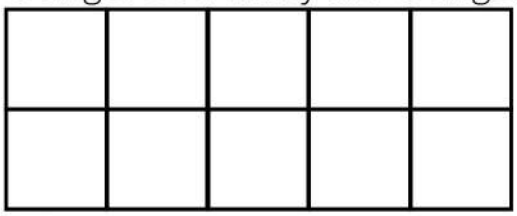
Color 2 squares yellow and the rest red. How many are red?



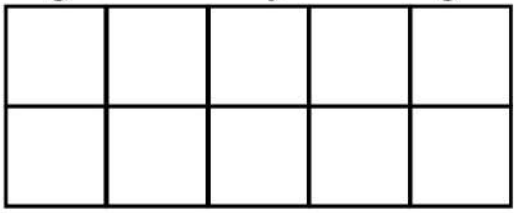
Color 8 squares yellow and the rest red. How many are red?



Color 3 squares blue and the rest orange. How many are orange?



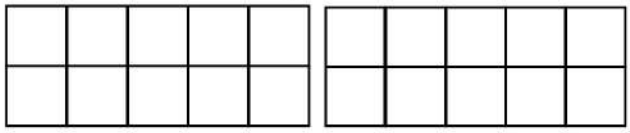
Color 7 squares blue and the rest orange. How many are orange?



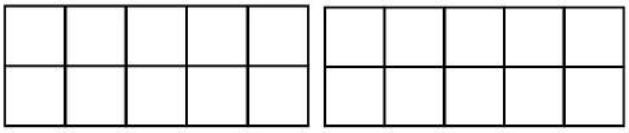
What comes next?

2						8	9		

Color 11 squares blue. Color the rest yellow. How many are yellow?



Color 8 squares blue. Color the rest yellow. How many are yellow?



What are you?

Write a T in the 5th square.
Write an A in the 3rd square.
Write an S in the 1st square.
Write an R in the 4th square.
Write an M in the 2nd square.

Match the shapes to their names.

- Pyramid
- Cube
- Cuboid
- Cylinder
- Sphere
- Cone

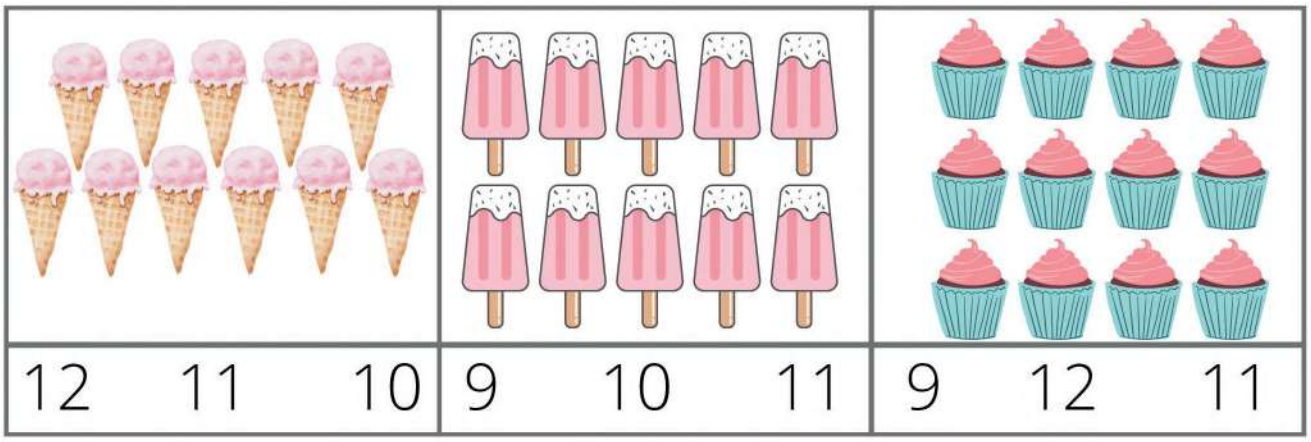
Trace and write these numbers.

12 12

5 5

11 11

How many are in each box?



12 11 10	9 10 11	9 12 11

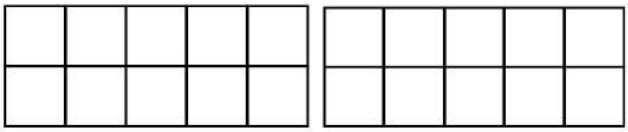
Color 1 square blue and the rest red. How many are red?

Color 9 squares blue and the rest red. How many are red?

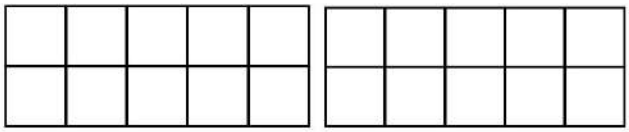
Color 5 squares green and the rest orange. How many are orange?

Color 5 squares orange and the rest green. How many are green?

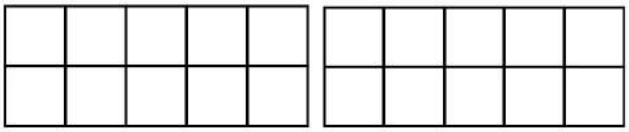
Color 7 squares blue. Color the rest red. How many squares are red? _____



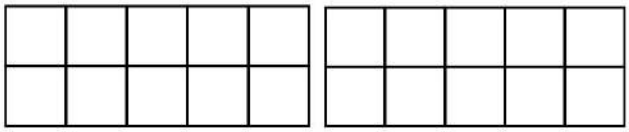
Color 9 squares orange. Color the rest green. How many are green? _____



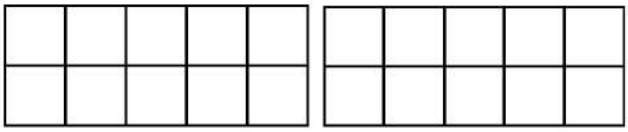
Color 8 squares purple. Color the rest red. How many are red? _____



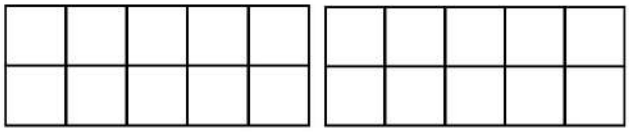
Color 11 squares blue. Color the rest green. How many are green? _____



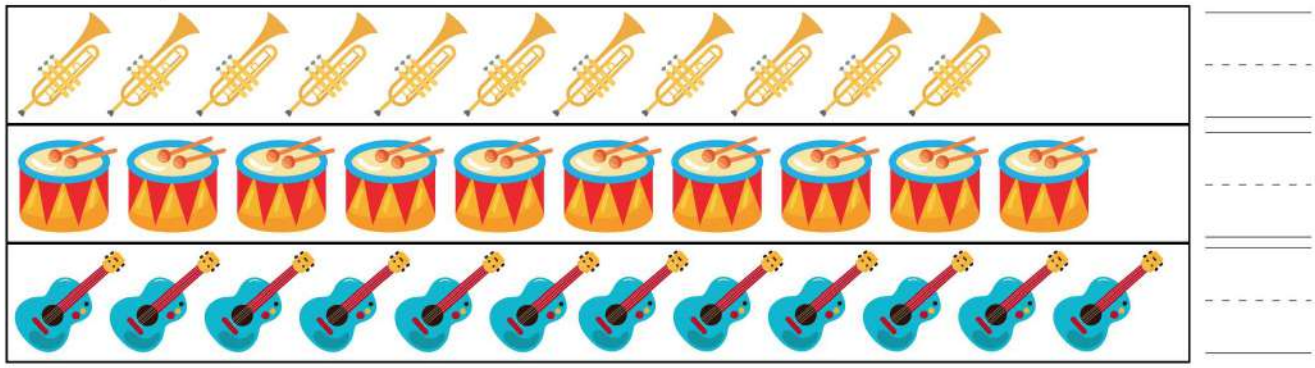
Color 10 squares yellow and the rest purple. How many are purple? _____



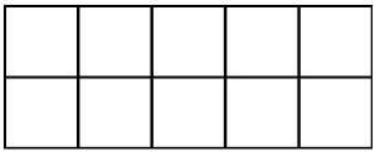
Color 12 squares red. Color the rest green. How many are green? _____



How many are in each row? Circle the 5th instrument in each row.

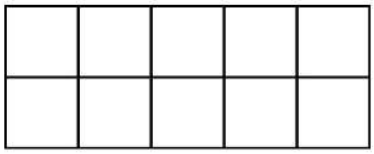


Let's make ten!



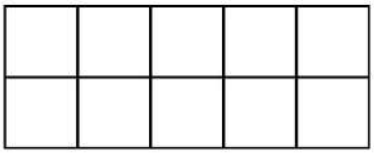
Color 3 squares green and the rest red.

____ + ____ = 10



Color 2 squares green and the rest red.

____ + ____ = 10



Color 5 squares green and the rest red.

____ + ____ = 10

Trace and write these numbers.

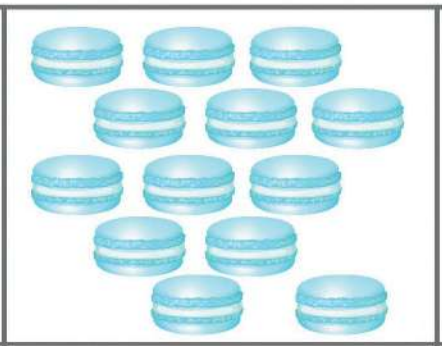
13 13

4 4

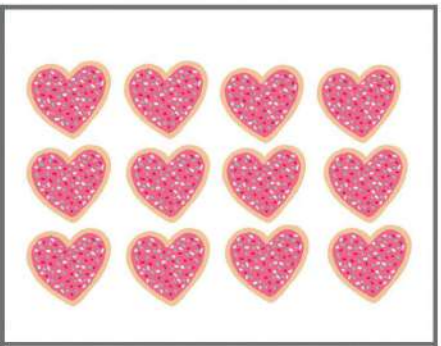
8 8

How many are in each box?

9 11 10



13 10 11

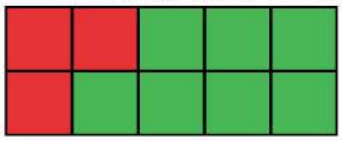


10 12 11

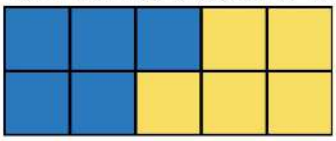
Count forwards and backwards.

10									1
			7	6					
4	5	6							

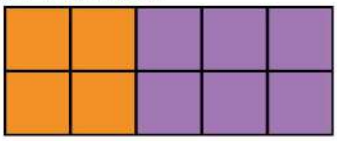
Let's make ten! Write number sentences based on these ten frames.



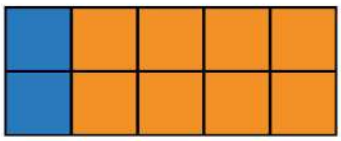
3 + 7 = 10



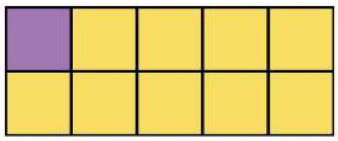
___ + ___ = 10



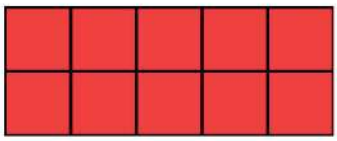
___ + ___ = 10



___ + ___ = 10

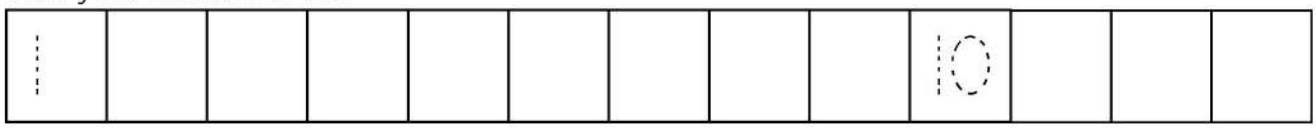


___ + ___ = 10

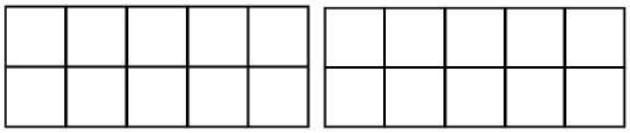


___ + ___ = 10

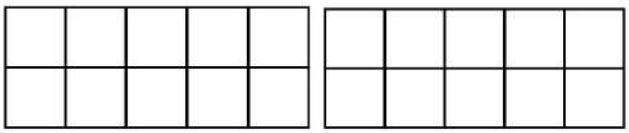
Can you count to 13?



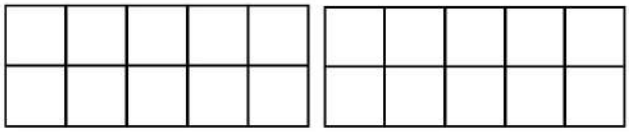
Color 13 squares red and the rest blue. How many are blue? _____



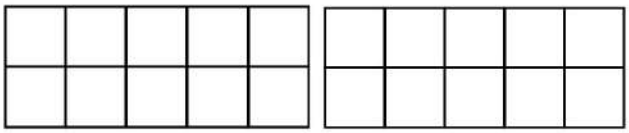
Color 8 squares blue and the rest green. How many are green? _____



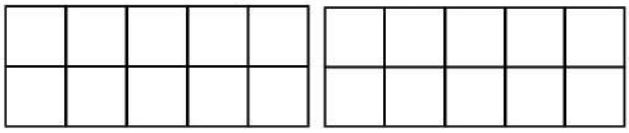
Color 9 squares orange and the rest purple. How many are purple? _____



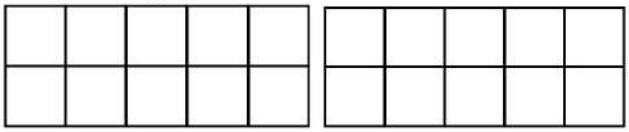
Color 11 squares black and the rest grey. How many are grey? _____



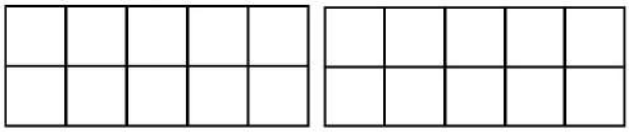
Color 10 squares yellow and the rest blue. How many are blue? _____



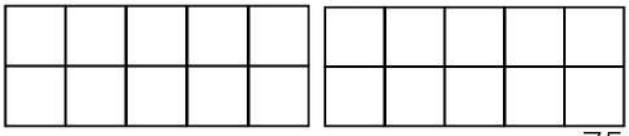
Color 6 squares blue and the rest red. How many are red? _____



Color 7 squares red and the rest blue. How many are blue? _____



Color 12 squares blue and the rest green. How many are green? _____



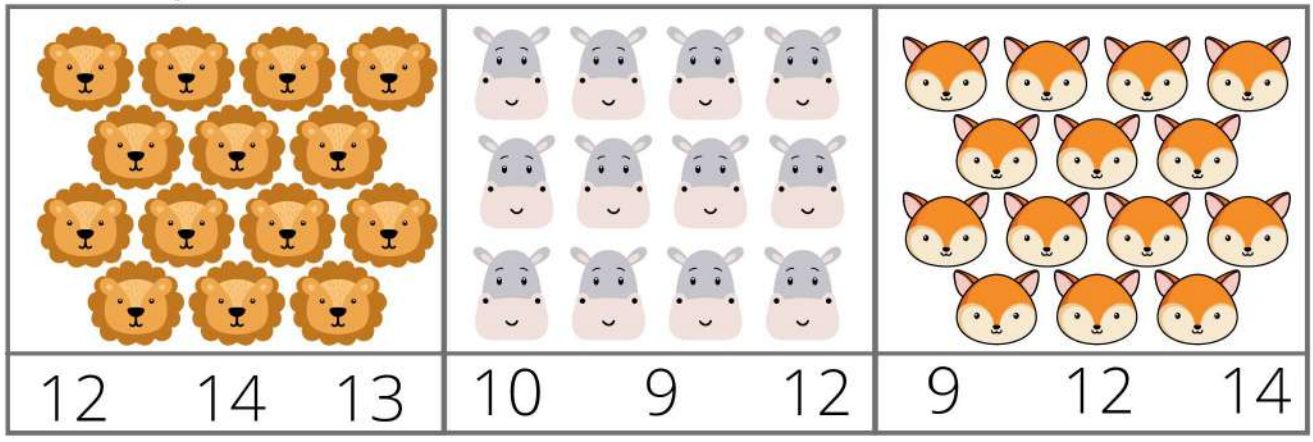
Trace and write these numbers.

14 14

10 10

12 12

How many are in each box?

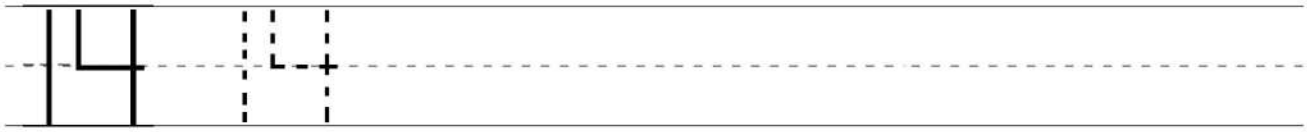


12 14 13	10 9 12	9 12 14

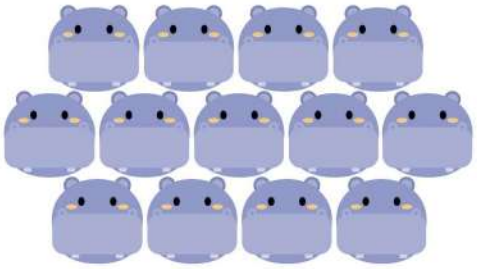
Count backwards from the given number.

10									
11									
12									
13									

Trace and write these numbers.



Draw lines to match the numbers with the correct pictures.



13 12 14

Color FIVE squares in the SECOND tower and write a 5 on the line below the tower.

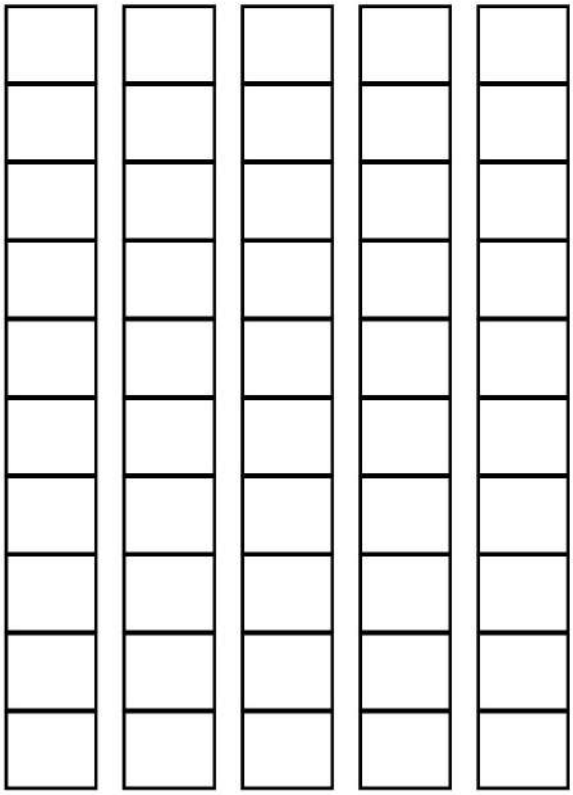
Color SEVEN squares in the FIRST tower and write a 7 on the line below the tower.

Color ZERO squares in the FOURTH tower and write 0 on the line below it.

Color NINE squares in the THIRD tower and write 9 on the line below it.

Color ONE square in the FIFTH tower and write 1 on the line below it.

Circle the BIGGEST number.
Cross out the SMALLEST number.



Trace and write these numbers.

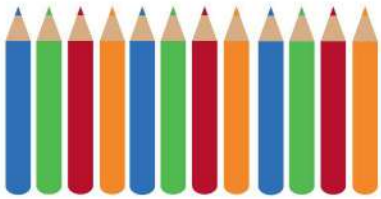
15 16

11

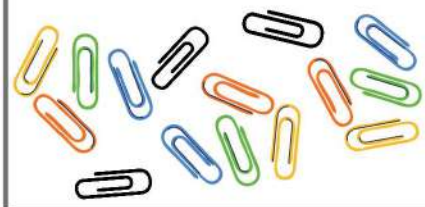
14 14

How many are in each box?

12 14 13



10 9 12



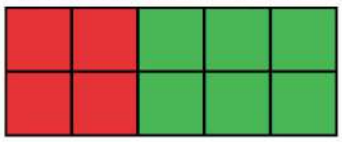
15 12 14

5 7 6

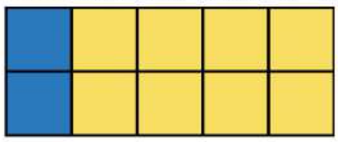
5 6 4

5 4 6

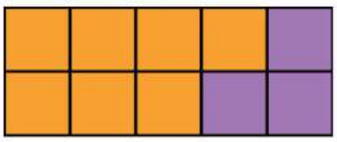
Let's make ten! Write number sentences based on these ten frames.



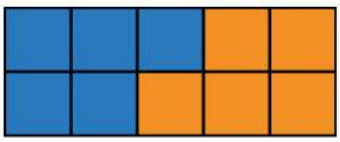
4 + 6 = 10



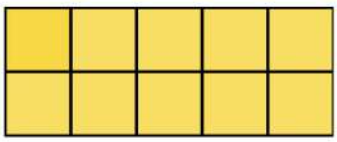
___ + ___ = 10



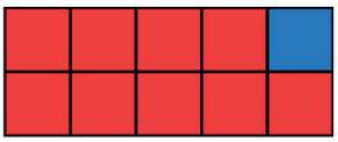
___ + ___ = 10



___ + ___ = 10



___ + ___ = 10



___ + ___ = 10

Let's make ten! Write number sentences based on these pictures.

4 + 6 = 10

___ + ___ = 10

___ + ___ = 10

___ + ___ = 10

___ + ___ = 10

___ + ___ = 10

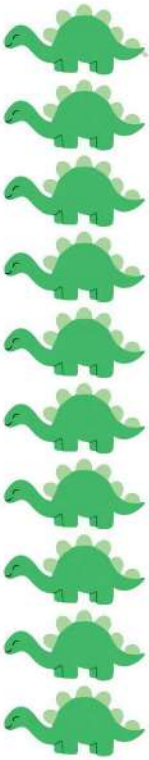
Can you count to 15?

1									10					

Count backwards from 10.

10									

Trace the ordinal numbers, then draw lines to match all columns.



fifth		5th
ninth		9th
third		3rd
fourth		4th
seventh		1st
first		10th
eighth		6th
tenth		7th
second		2nd
sixth		8th

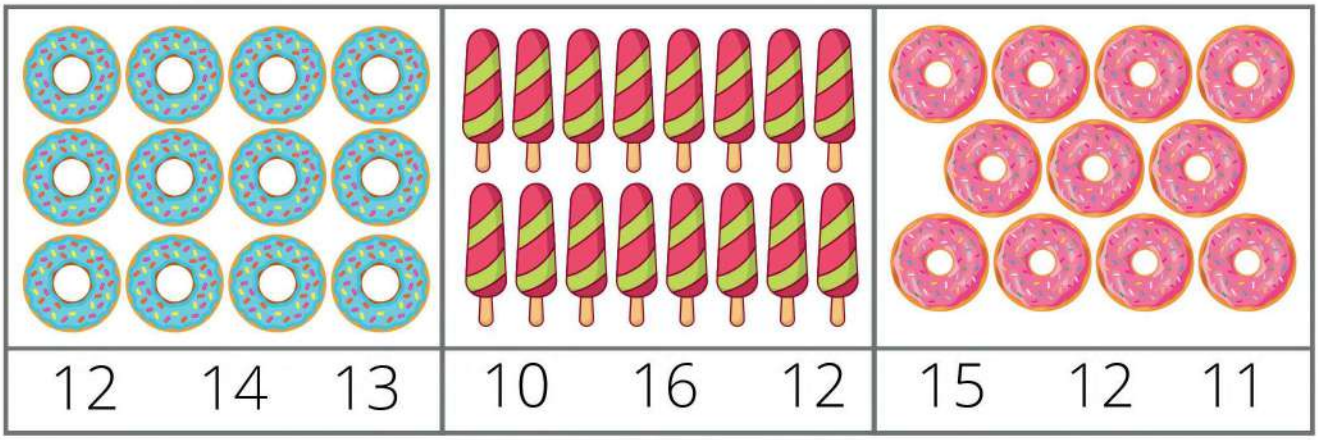
Trace and write these numbers.

16 16

15 15

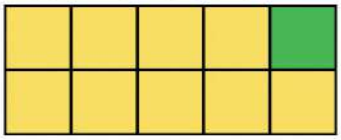
14 14

How many are in each box?

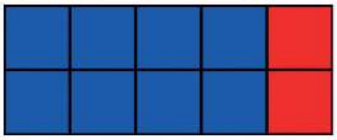


12 14 13	10 16 12	15 12 11

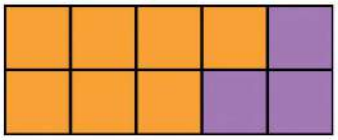
Let's make ten! Write number sentences based on these ten frames.



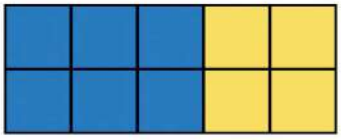
9 + 1 = 10



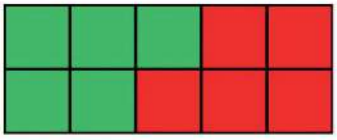
___ + ___ = 10



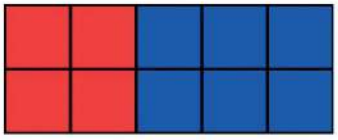
___ + ___ = 10



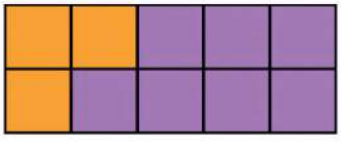
___ + ___ = 10



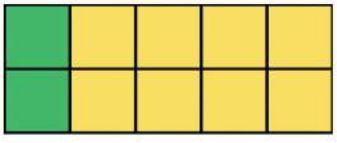
___ + ___ = 10



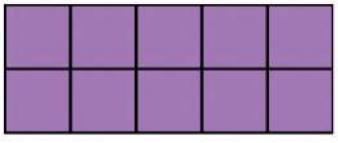
___ + ___ = 10



___ + ___ = 10



___ + ___ = 10

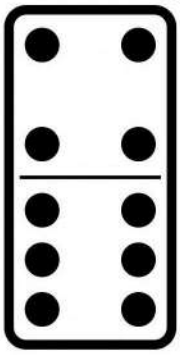


___ + ___ = 10

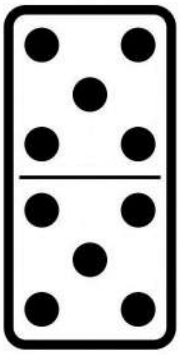
Write the correct ordinal number next to each animal.

	6th

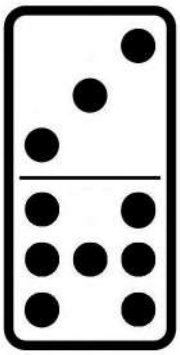
How many dots on each side?



How many dots total? _____



How many dots total? _____



How many dots total? _____

Count backwards from 10.

10									

Can you count to 16?

1								9							

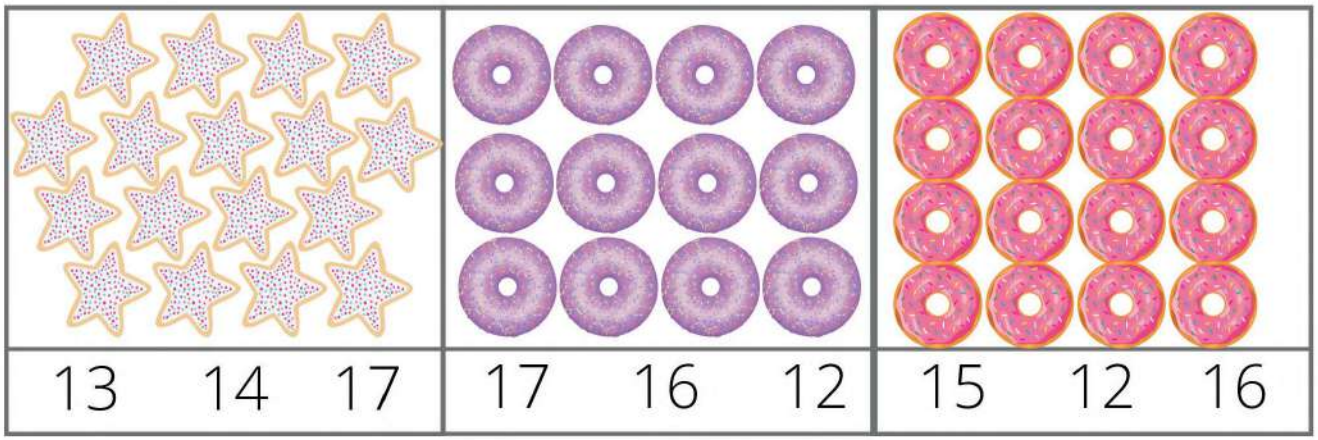
Trace and write these numbers.

17 17

13 13

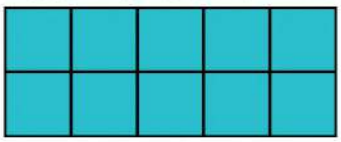
12 12

How many are in each box?

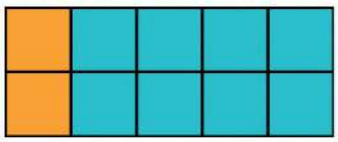


13 14 17	17 16 12	15 12 16

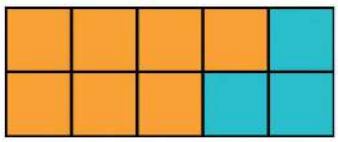
Let's make ten! Write number sentences based on these ten frames.



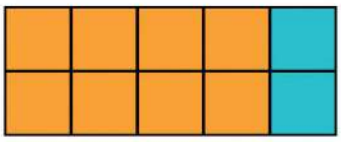
0 + 10 = 10



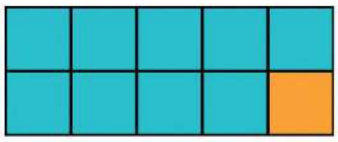
___ + ___ = 10



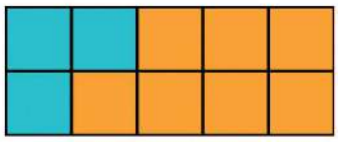
___ + ___ = 10



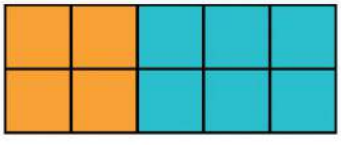
___ + ___ = 10



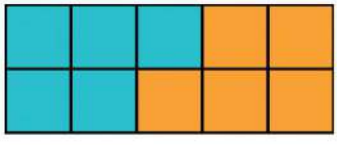
___ + ___ = 10



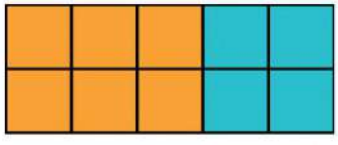
___ + ___ = 10



___ + ___ = 10

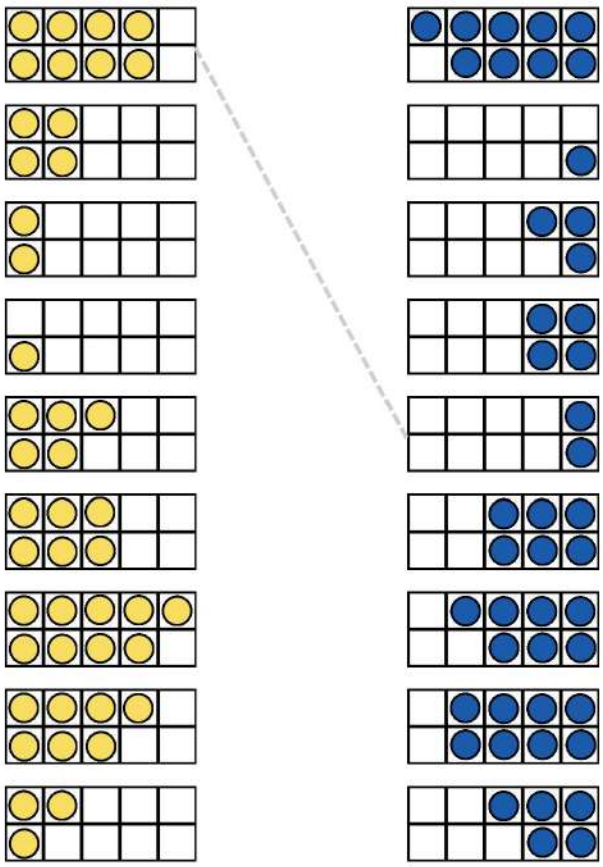


___ + ___ = 10



___ + ___ = 10

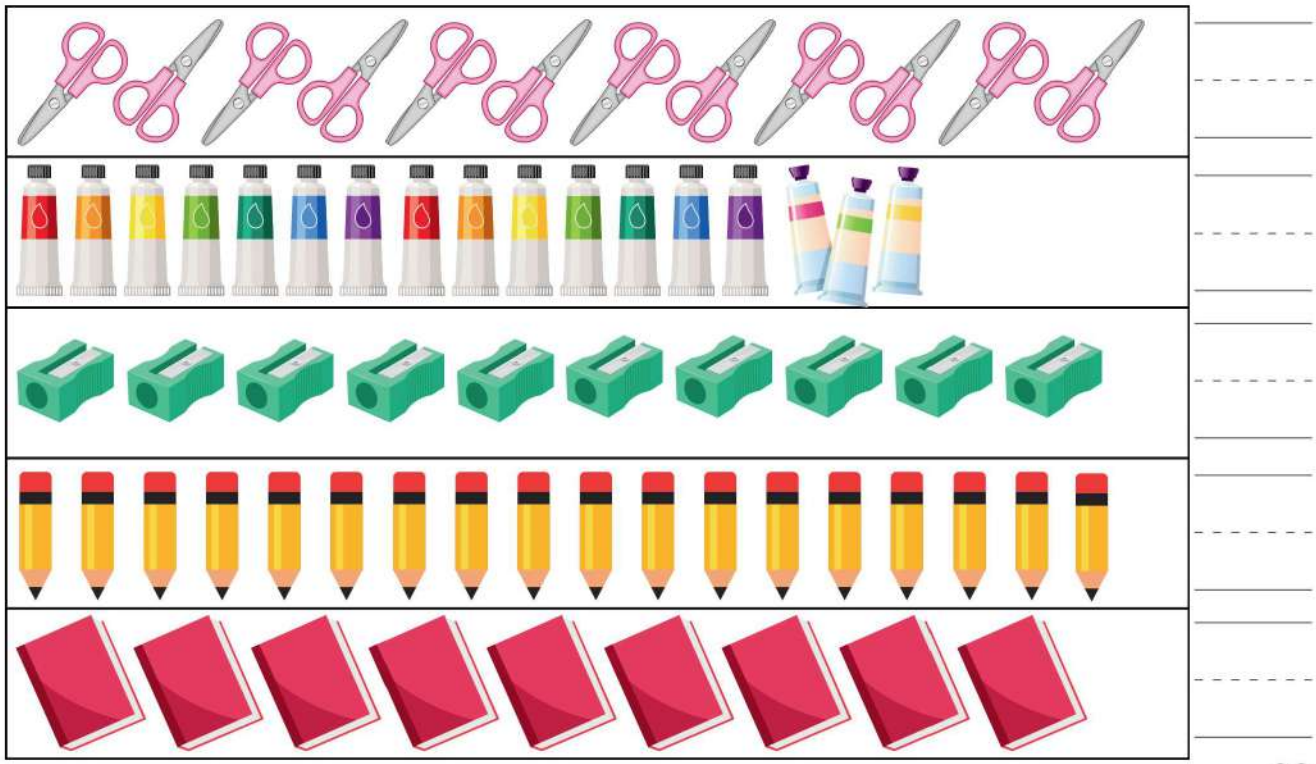
Draw lines to match tens partners.



Draw lines to match tens partners.

5	3
8	9
10	6
3	0
6	2
1	7
2	1
9	4
7	8
4	5

How many are in each row? Circle the 7th item in each row.



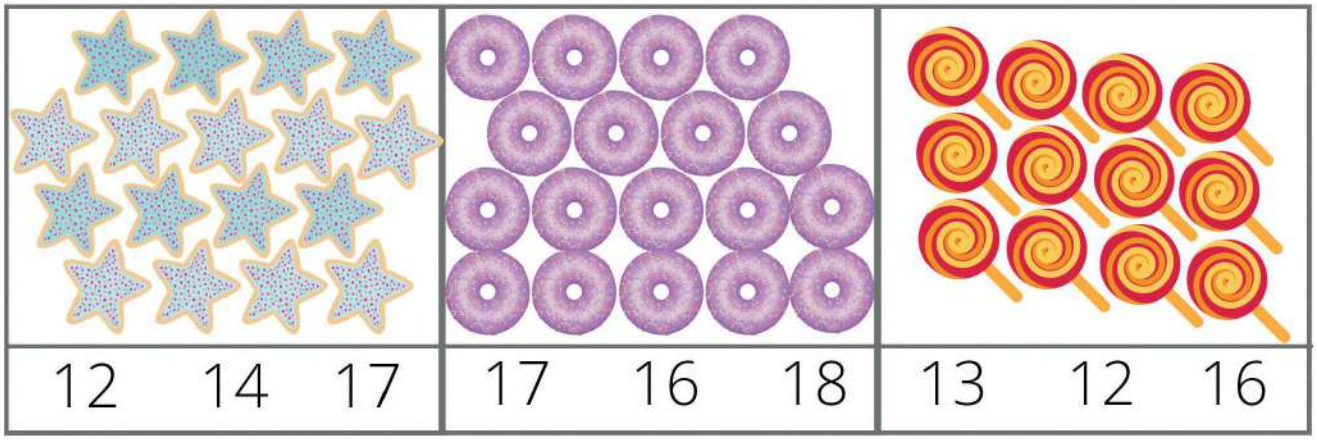
Trace and write these numbers.

18 18

10 10

17 17

How many are in each box?



12 14 17	17 16 18	13 12 16

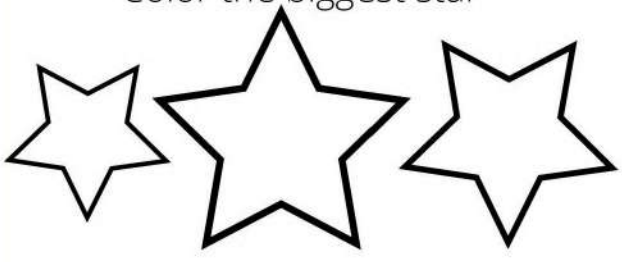
Count backwards from 10 to 1.

10

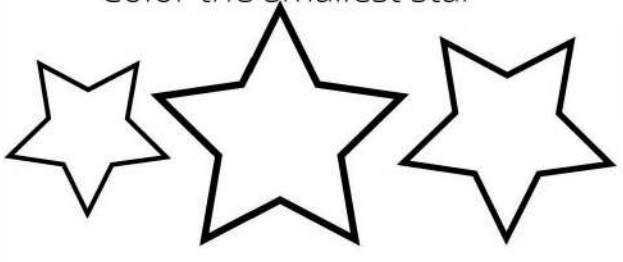
Count forwards from 1 to 10.

10

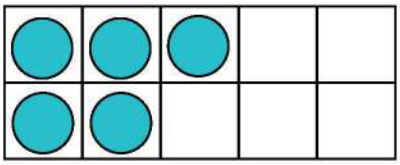
Color the biggest star



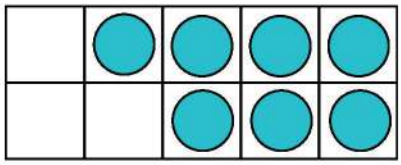
Color the smallest star



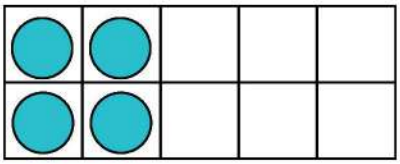
Let's make ten!



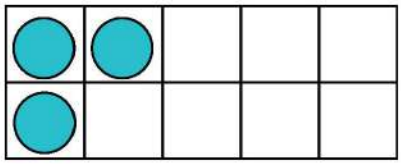
I need ____ more to make ten



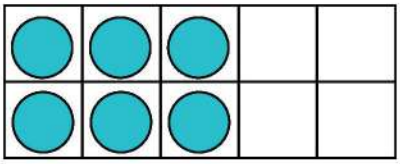
I need ____ more to make ten



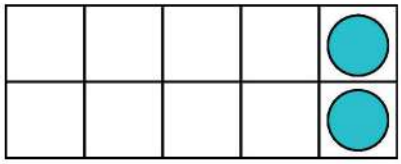
I need ____ more to make ten



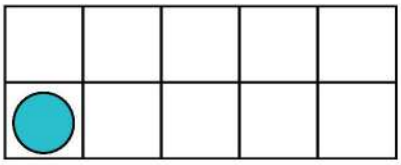
I need ____ more to make ten



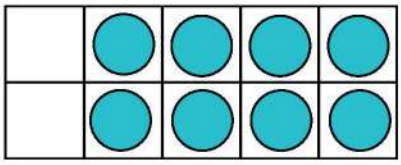
I need ____ more to make ten



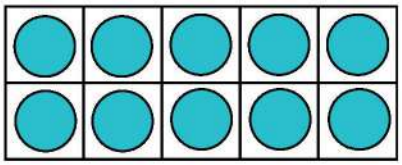
I need ____ more to make ten



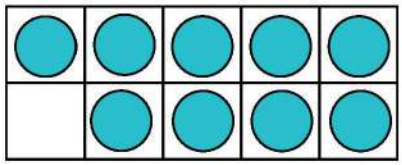
I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten

Label the train cars with their ordinal position.

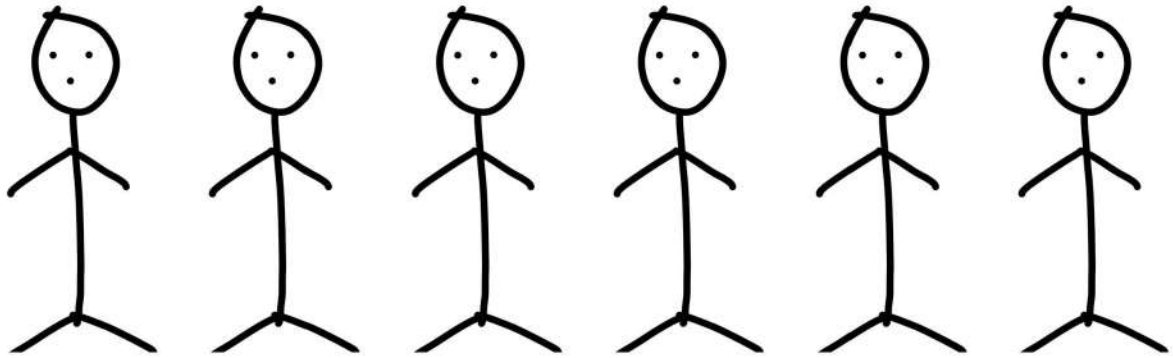
Can you count to 18?

Trace and write these numbers.

9 9

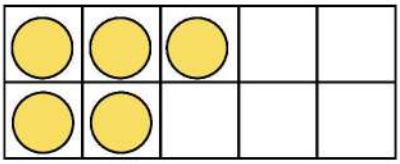
8 8

7 7

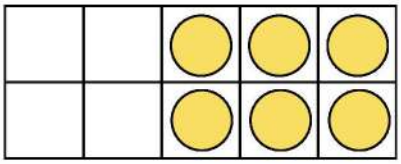


- Draw a hat on the THIRD figure.
- Draw a smile on the FIFTH figure.
- Turn the FOURTH figure into a superhero.
- Draw hair on the SECOND figure.
- Draw an apron on the FIRST figure.
- Make the SIXTH figure look angry.

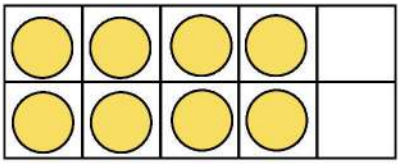
Let's make ten!



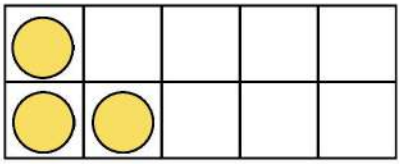
I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten

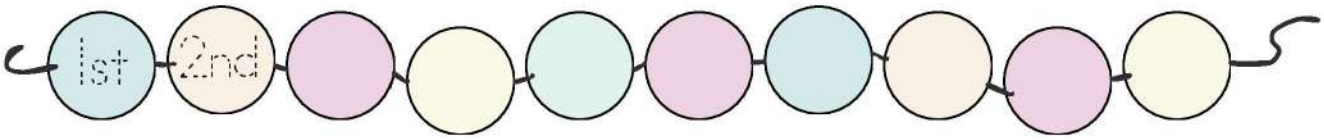


I need ____ more to make ten

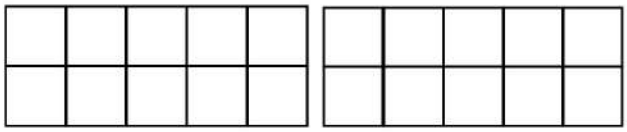
Use the clues to determine whether to count forwards or backwards and fill in the missing numbers.

				5	6	7							
									7	6	5		
6	7	8											

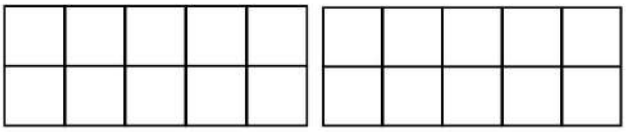
Label the beads with their ordinal position.



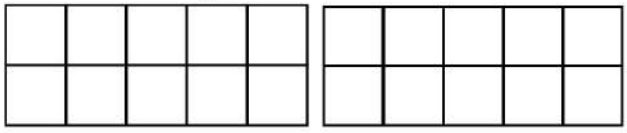
Color 9 squares red. How many are not red? _____



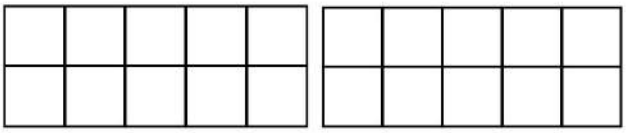
Color 8 squares blue. How many are not blue? _____



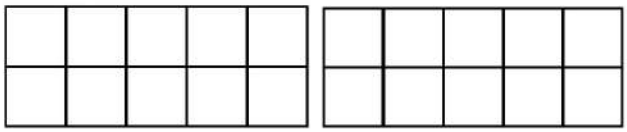
Color 11 squares orange. How many are not orange? _____



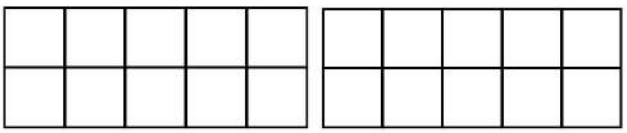
Color 14 squares black. How many are not black? _____



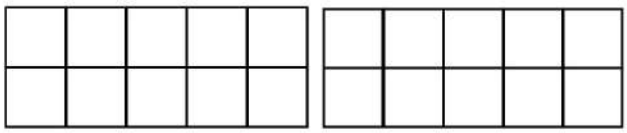
Color 7 squares green. How many are not green? _____



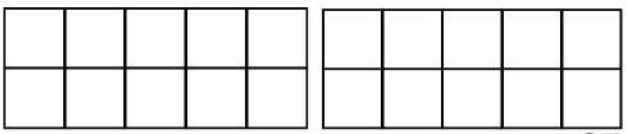
Color 10 squares red. How many are not red? _____



Color 12 squares purple. How many are not purple? _____



Color 13 squares blue. How many are not blue? _____



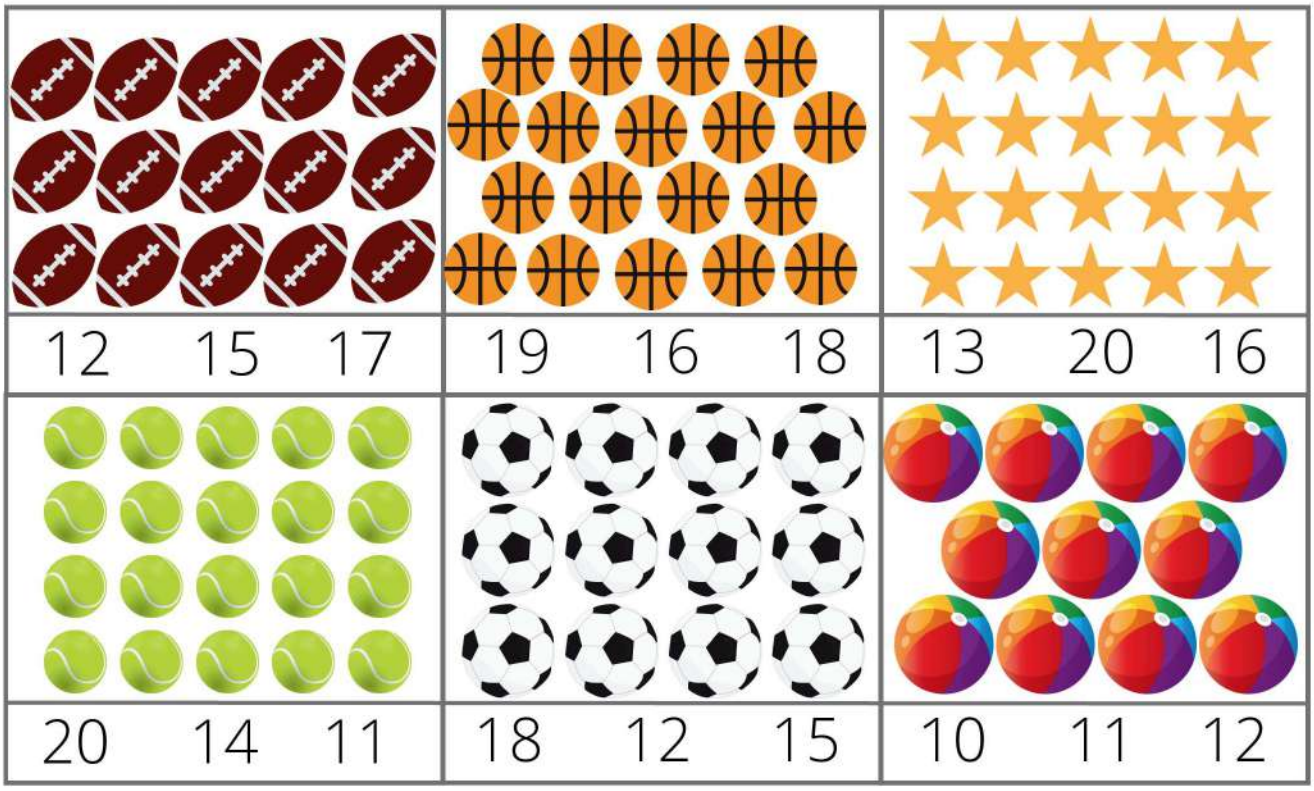
Trace and write these numbers.

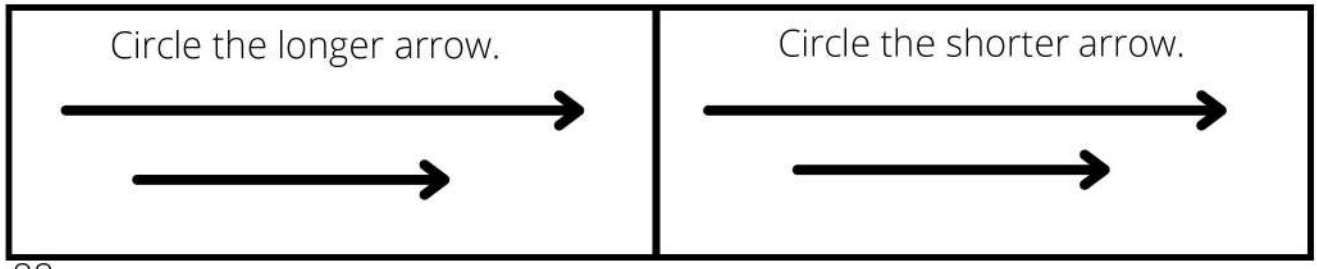
20 20

15 15

19 19

How many are in each box?





Use the clues below to solve this puzzle.

	cat	dog	fish	bunny
Elizabeth				
Anne				
Emily				
John				

1. All of the girl's pets have fur.
2. Emily and Anne have noisy pets.
3. Anne's dog is named Rex.

Match each pet to its owner.

Elizabeth

Anne

Emily

John

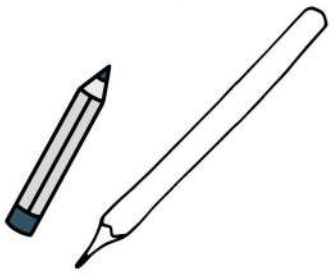
Help Rex find his food. Use your pencil to follow the numbers in order.

1	8	9	10	11	20	21	
3	2	7	14	13	12	19	22
4	5	6	15	16	17	18	

Fill in the missing numbers.

			9					14			
	12	13									

Color the longest object.



Color the shortest object.

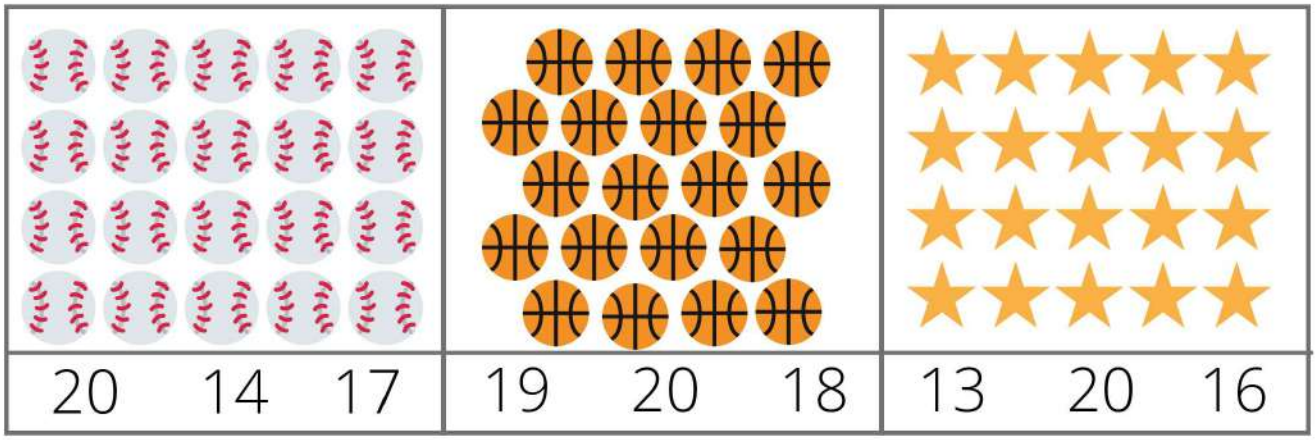
Trace and write these numbers.

11

12 12

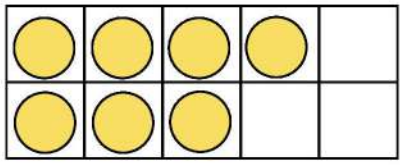
13 13

How many are in each box?

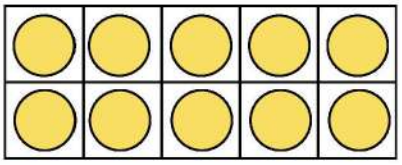


20 14 17	19 20 18	13 20 16

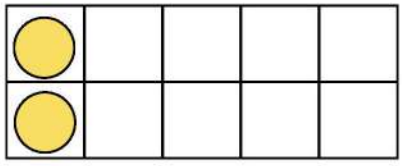
Let's make ten!



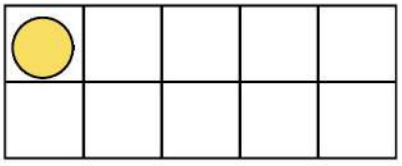
I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten



I need ____ more to make ten

Who won third plce in this race? Circle the third place winner and draw an X on the first place winner.

How many chocolate chips are in each cookie?

5 + 5 = 10

____ + ____ = ____

How many chocolate chips are in both cookies together?

____ + ____ = ____

____ + ____ = ____

Trace and fill in the missing numbers.

1	2		4	5	6	7			
		13				17			

Measure Lizzy

Build a tower of single height lego blocks. Use the tower to measure Lizzy. Approximate to the nearest lego instead of using fractions.

How many blocks tall is Lizzy?.

How many blocks is Lizzy's arm?

How many blocks is Lizzy's leg?

How many blocks is Lizzy's head?

How many blocks wide is Lizzy's waist?

How many blocks is Lizzy's foot?

Measure ME

Connect at least twenty paper clips into a chain. Use the chain to measure yourself. Approximate to the nearest paper clip instead of using fractions.

I am _____ paper clips tall.

My hand is _____ paper clips.

My hair is _____ paper clips long.

My waist is _____ paper clips.

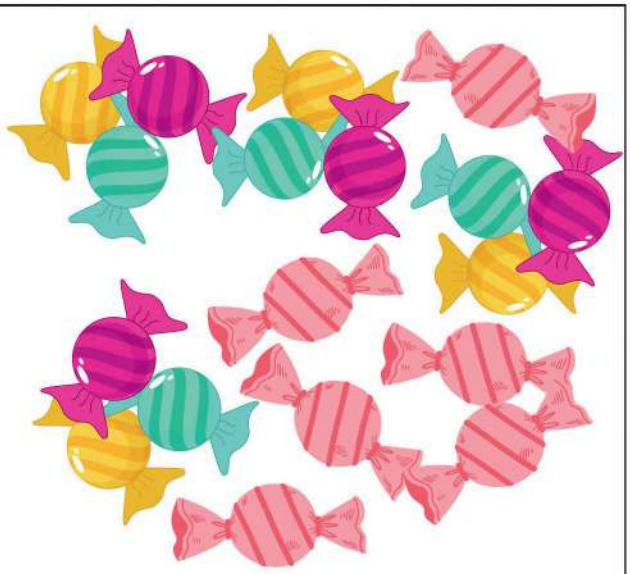
My foot is _____ paper clips.

How would my measurements change if I used bigger paper clips? Smaller paper clips?

What comes next?.

16	17			

Circle ten candies. Then count them all. Write the total number of candies below the box. Grouping into tens makes counting big numbers easier.



How many candies? _____

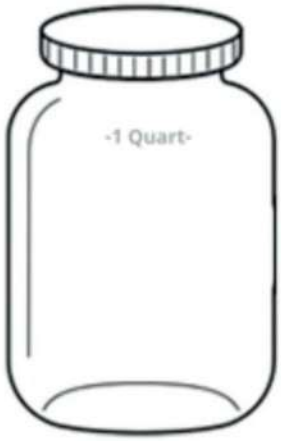
How many candies? _____

Trace and fill in the missing numbers.

1	2		4	5	6	7			
		13				17			

What could you build with four cylinders, a cuboid and a cone?

Math Lab: Liquid Measurement

1. 

This is a quart jar. You probably have one in your house. Ask your mom or dad to help you find one. Use a 1 cup measure to fill the quart jar to where the neck narrows (not all the way to the rim). Count out loud each cup that you add. How many cups did it take?

_____

- - - - - - -

_____

2. A milk jug like this is usually a gallon. Use an empty, gallon-sized milk jug or a gallon pitcher. Ask your mom or dad to help you find one. Fill the 1 cup measure with water and dump it in the jug or pitcher. Repeat that over and over, counting aloud the number of cups of water you add to the jug until it is completely full, or the pitcher until you reach the 1-gallon mark.

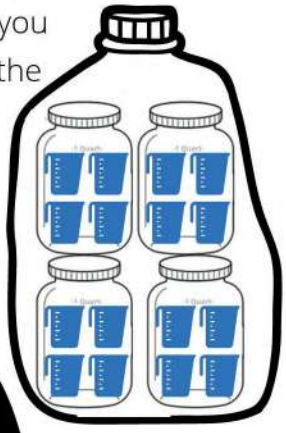
How many cups are in 1 gallon?

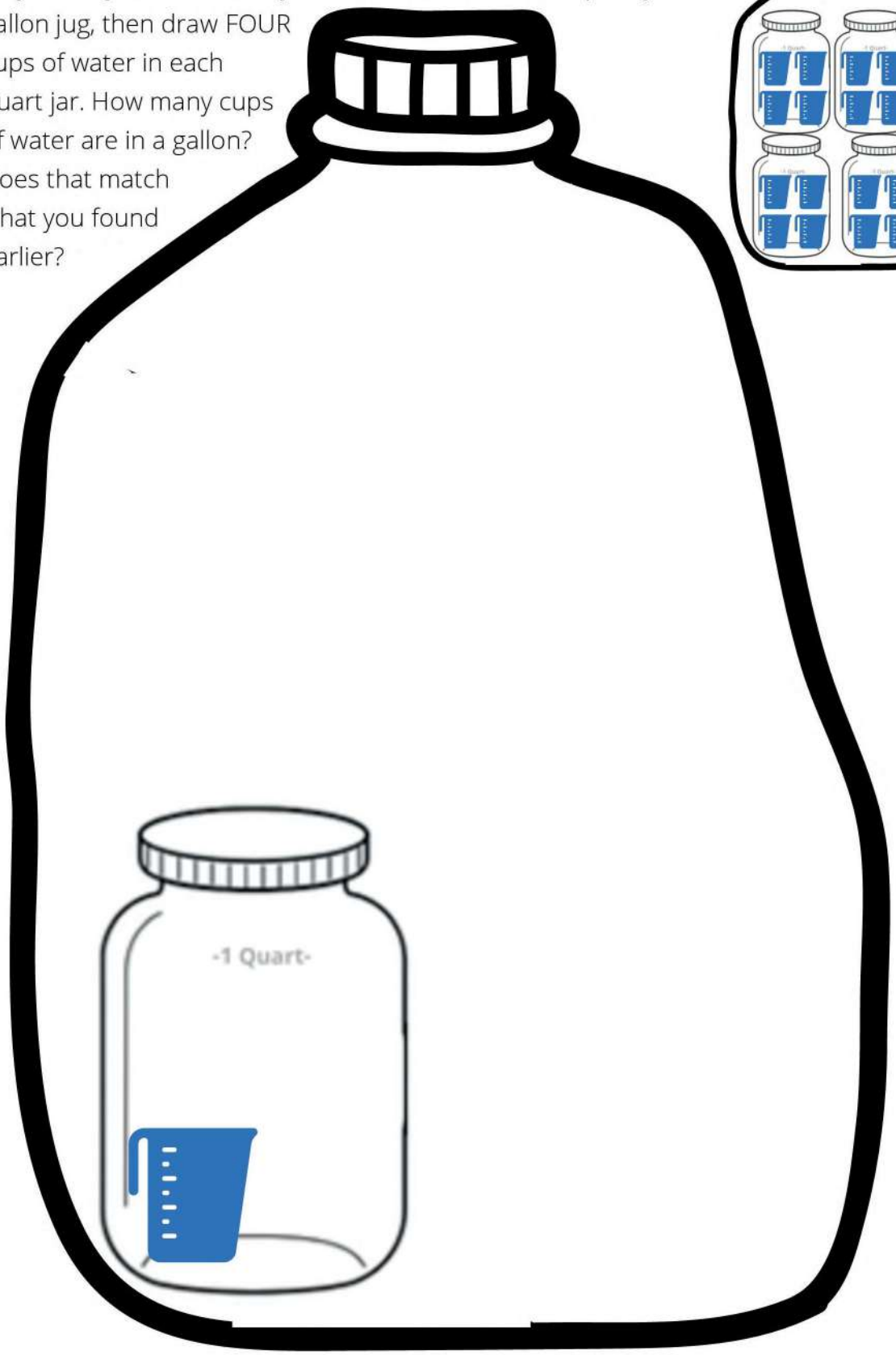
How many cups are in 1 quart? (from #1)

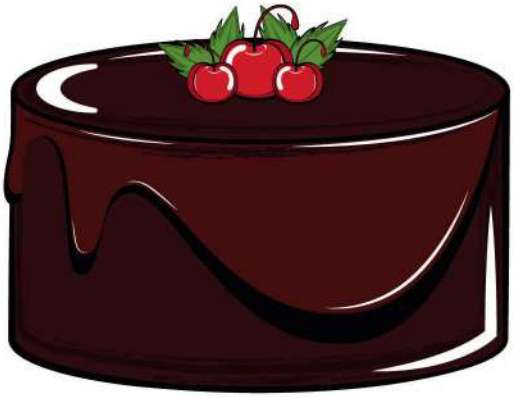
3.
- Empty the gallon jug and the quart jar.
- Add 4 cups of water to the quart jar to fill it, counting each cup aloud.
- Now pour the quart jar into the gallon jug.
- Use a washable marker to mark the water level on the side of the gallon jug. Write "1 quart" next to your mark.
- Add 4 cups of water to the quart jar it fill it again, counting aloud.
- Pour the SECOND quart of water into the gallon jug.
- Mark the water level on the side of the jug and label it "2 quarts".
- Repeat until the gallon jug is full.

How many quarts of water fit inside the gallon jug?

4. Let's draw your experiment from above. Here is an example, but you may draw yours however you like. First, draw FOUR quart jars in the gallon jug, then draw FOUR cups of water in each quart jar. How many cups of water are in a gallon? Does that match what you found earlier?





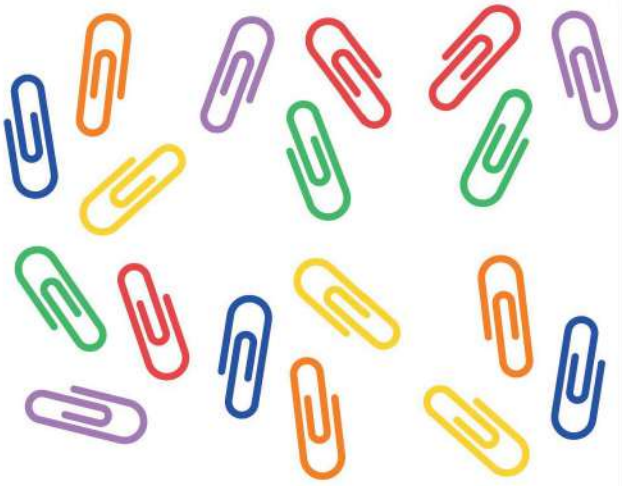


Circle the picture with MORE cake.

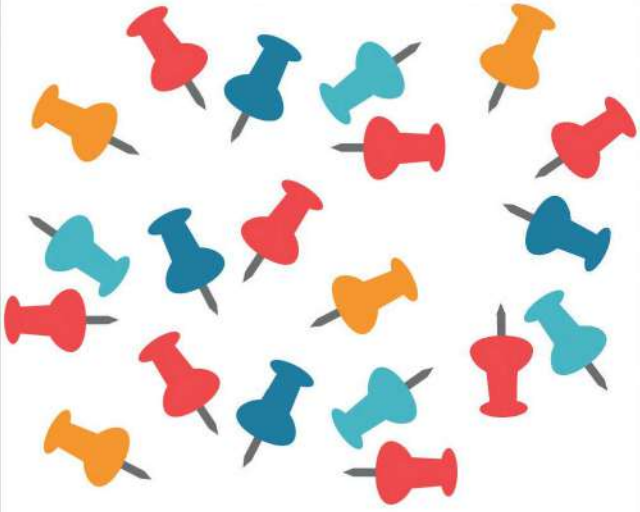
Circle the glass with MORE lemonade.

Circle the glass with LESS lemonade.

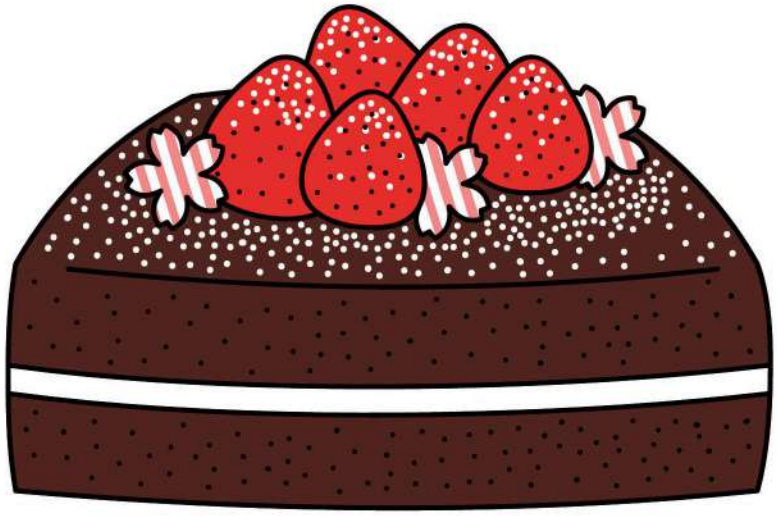
Circle ten items. Then count them all. Write the total number of items below the box. Grouping into tens makes counting big numbers easier.



How many paperclips? _____

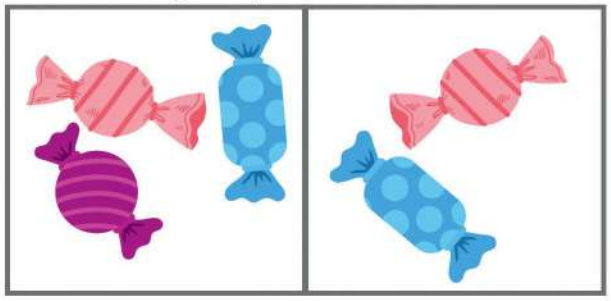


How many pushpins? _____

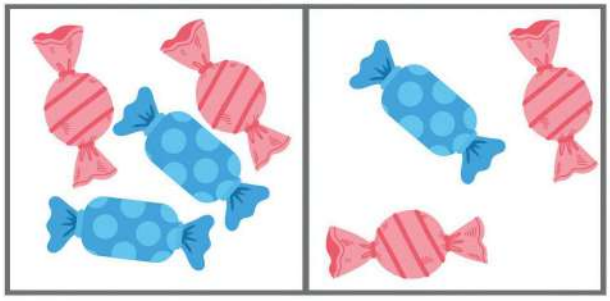


Which piece of cake would YOU like?
Why?

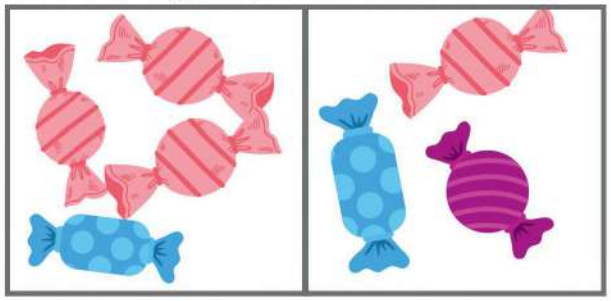
Circle the group with MORE



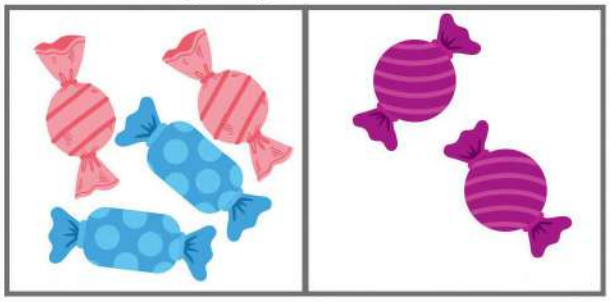
Circle the group with MORE



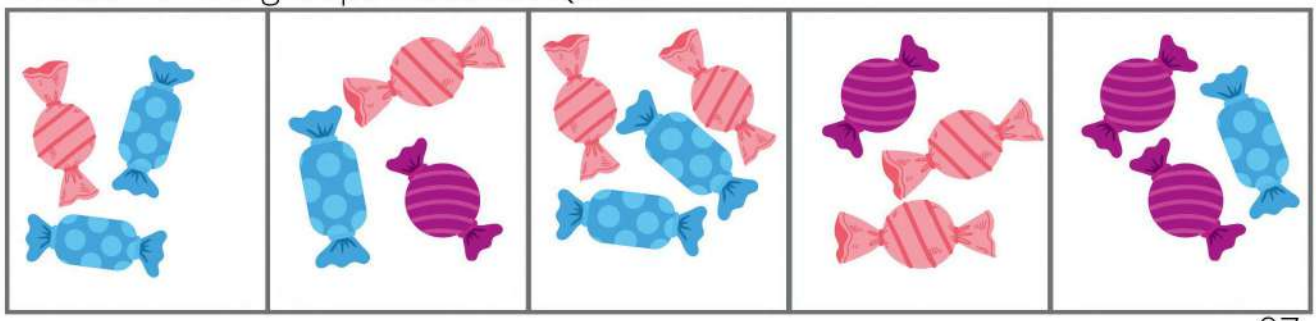
Circle the group with LESS



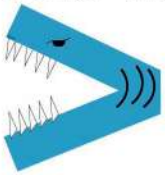
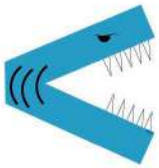
Circle the group with LESS



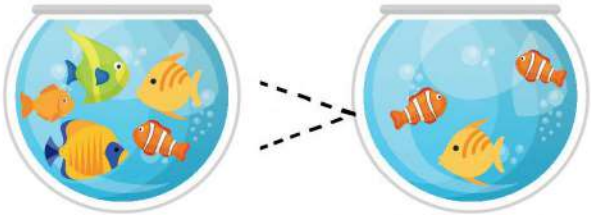
Circle all of the groups that are EQUAL



Math Symbols

Greater than	Less than	Equal
		

Sharks want to eat as many fish as possible. Draw greater than or less than symbols between each set of fishbowls. Then fill in the blanks.



5 is greater than 3

___ is _____ ___

5 is equal to 5

___ is _____ ___

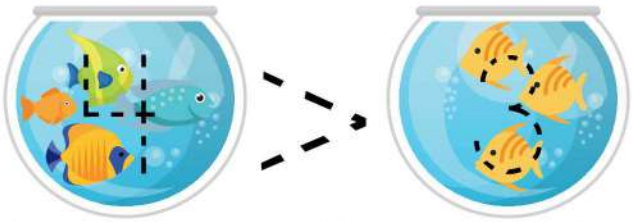
___ is _____ ___

___ is _____ ___

Trace and fill in the missing numbers.

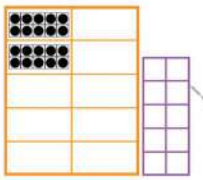
	2	3		5	6		8		
	12					17	18		

Sharks want to eat as many fish as possible. Draw greater than or less than symbols between each set of fishbowls, (be sure to add sharp teeth) making sure the shark is about to chomp the fishbowl with MORE fish. Say each sentence out loud, left to right, with your mom or dad.



Sentence example: 4 is greater than 3

Trace the numbers. Match the first and third columns to the second column.



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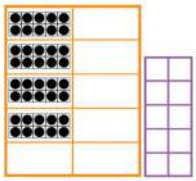
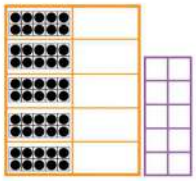
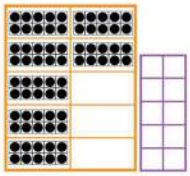
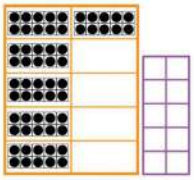




40

80





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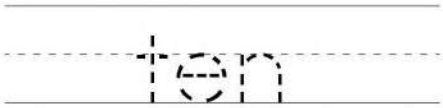
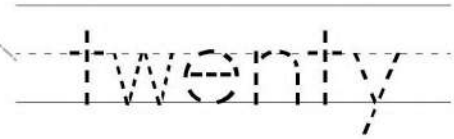
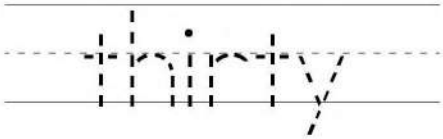


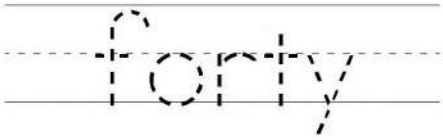
ten



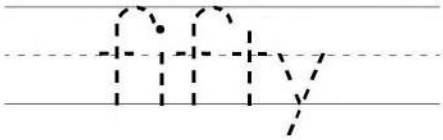
twenty



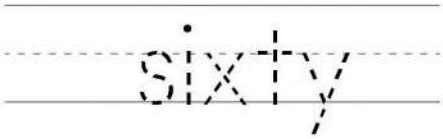
thirty



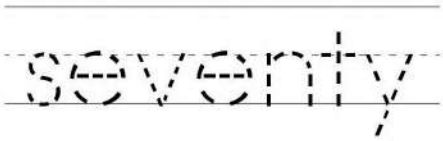
forty



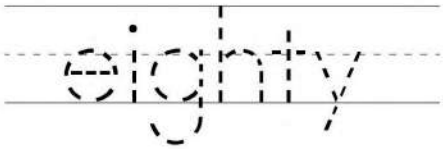
fifty



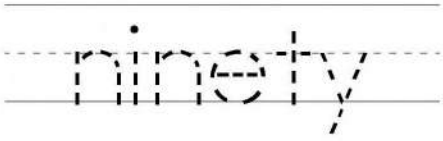
sixty



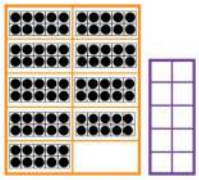
seventy

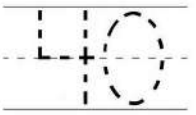


eighty



ninety





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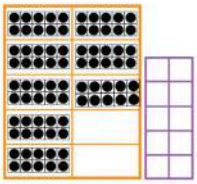

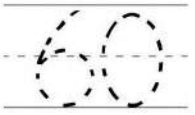

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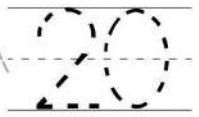

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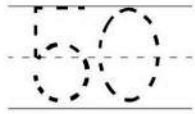

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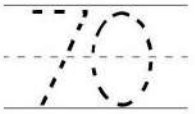

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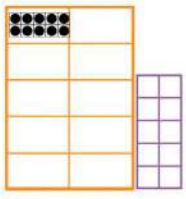
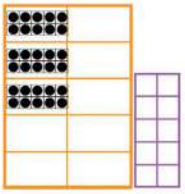
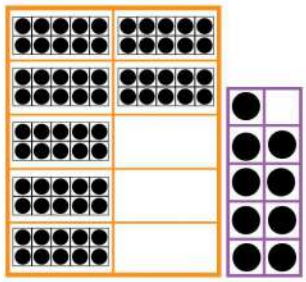
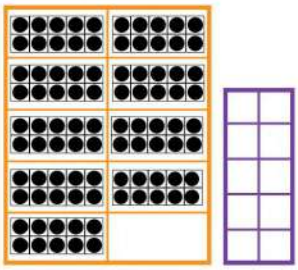
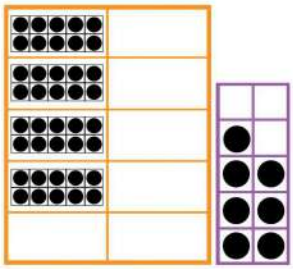




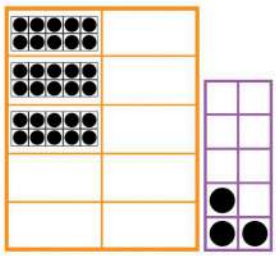
Write the number in each frame on the lines below. Name each number aloud.

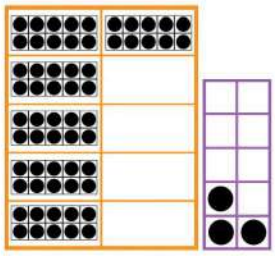


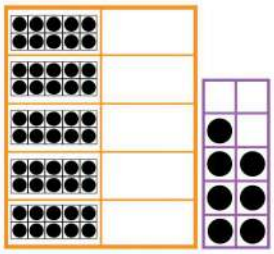


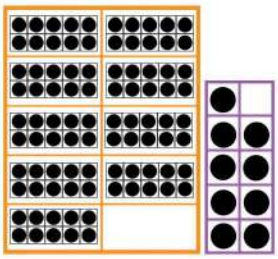


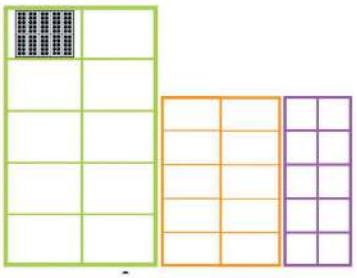
4 7



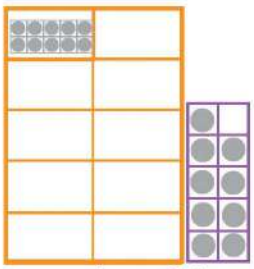






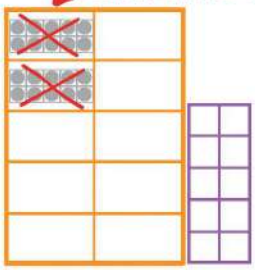


Draw dots in the frames to make the numbers below them.

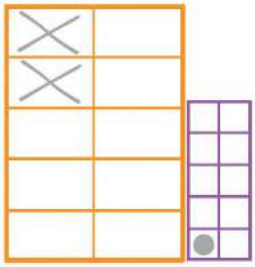


one ten 1 9 nine ones

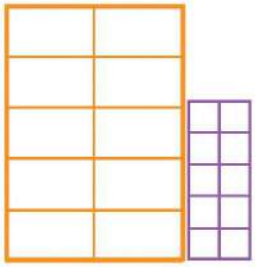
Draw an X to represent each ten



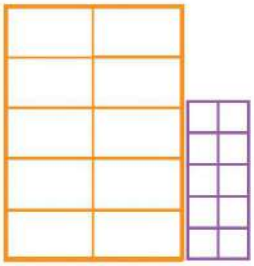
two tens 2 0 zero ones



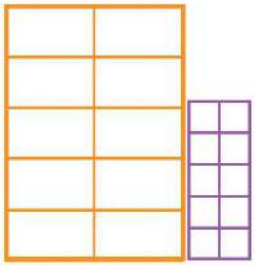
2 1



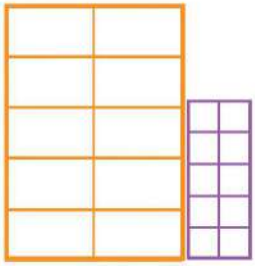
2 2



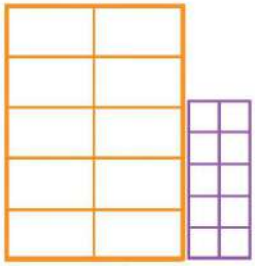
2 8



2 9



3 0



3 1

Fill in the missing numbers!

1									10
11	12								
	22	28							40
				49			79		
71								88	90
81									100
	92								

Color:

12, 19, 21-23, 28-30, 31-34, 37-40, 41-44, 47-50, 52-54, 57-59

62-64, 67-69, 72-74, 77-79, 82-84, 87-89, 93, 98

35, 36, 45, 46, 55, 56, 65, 66

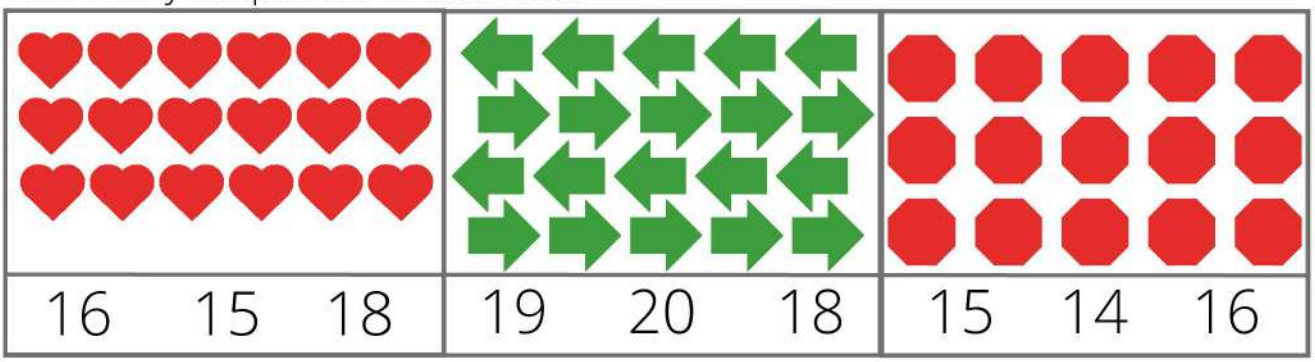
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Color:

- 22, 23, 32, 33
- 1-21, 24-31, 34-60
- 61-100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

How many shapes are in each box?

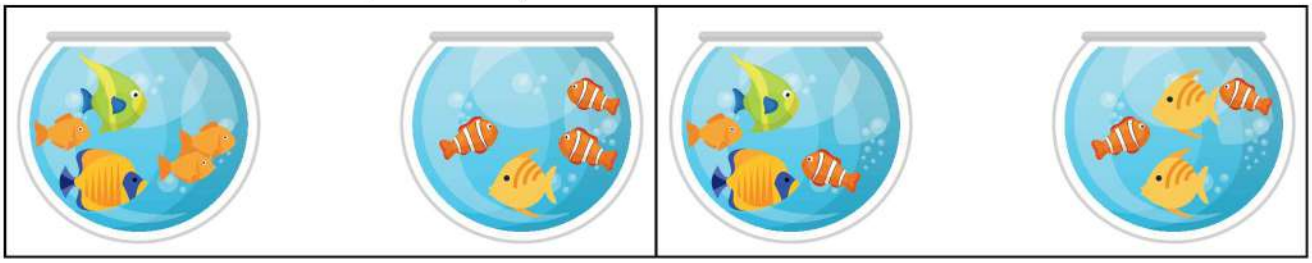


16 15 18	19 20 18	15 14 16

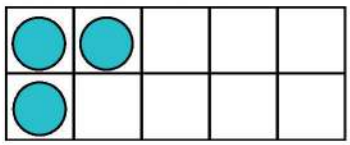
Trace and fill in the missing numbers.

1				5			8		
		13			16			19	

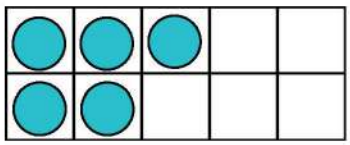
Draw the correct comparison symbol (<, >, =) between each set of fishbowls.



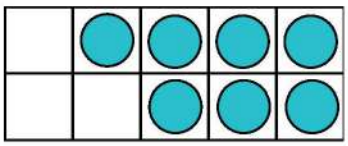
Let's make ten!



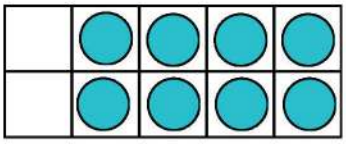
I need ___ more to make ten



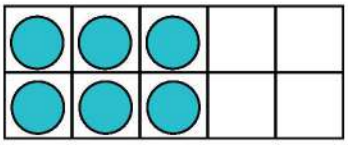
I need ___ more to make ten



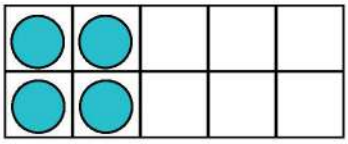
I need ___ more to make ten



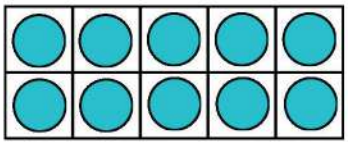
I need ___ more to make ten



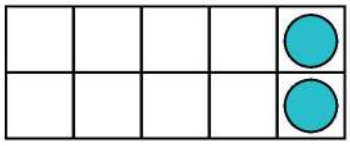
I need ___ more to make ten



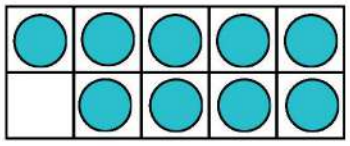
I need ___ more to make ten



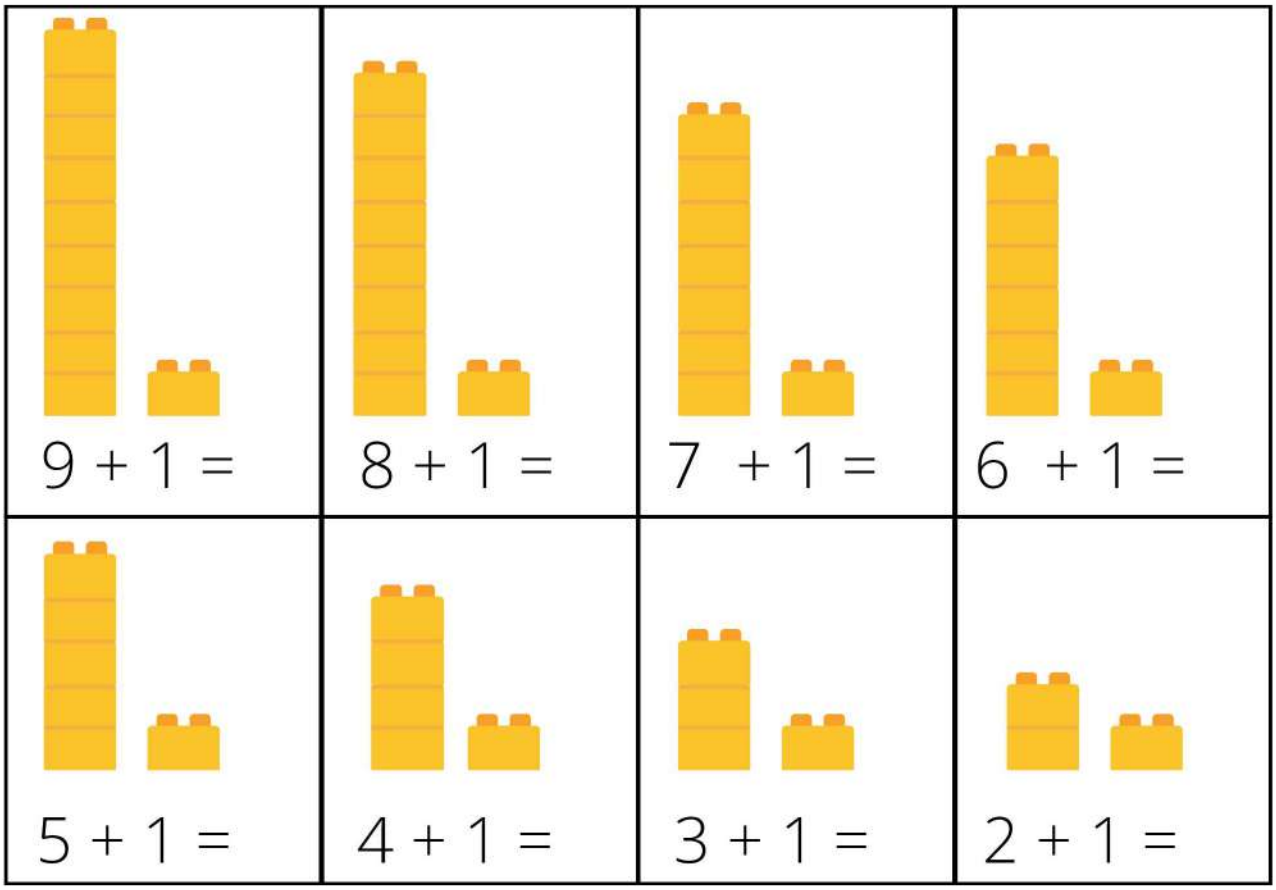
I need ___ more to make ten



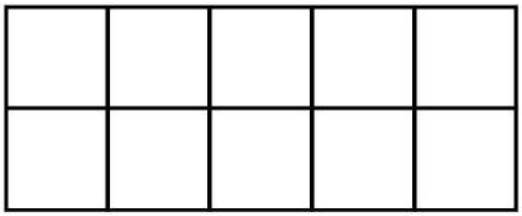
I need ___ more to make ten



I need ___ more to make ten

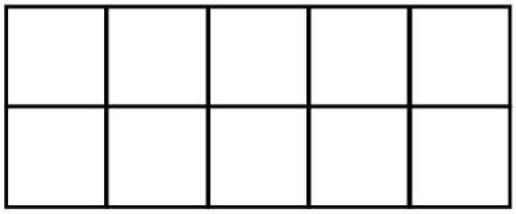


Color 5 squares. How many are not colored?



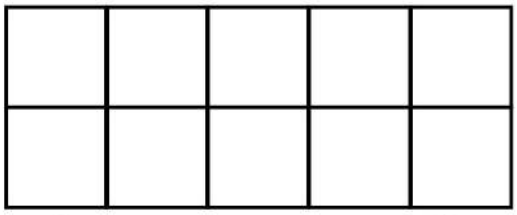
5 + ____ = 10

Color 8 squares. How many are not colored?



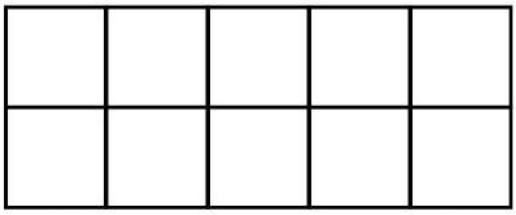
8 + ____ = 10

Color 3 squares. How many are not colored?



3 + ____ = 10

Color 6 squares. How many are not colored?

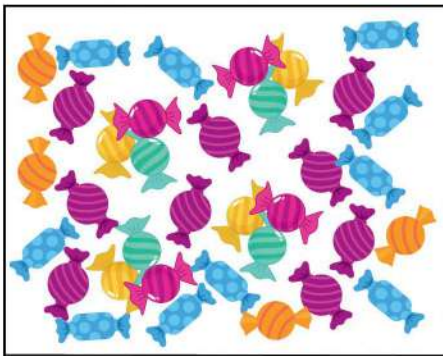
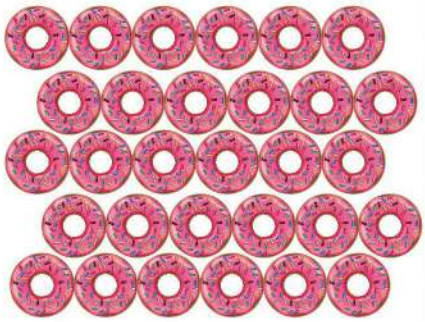


6 + ____ = 10

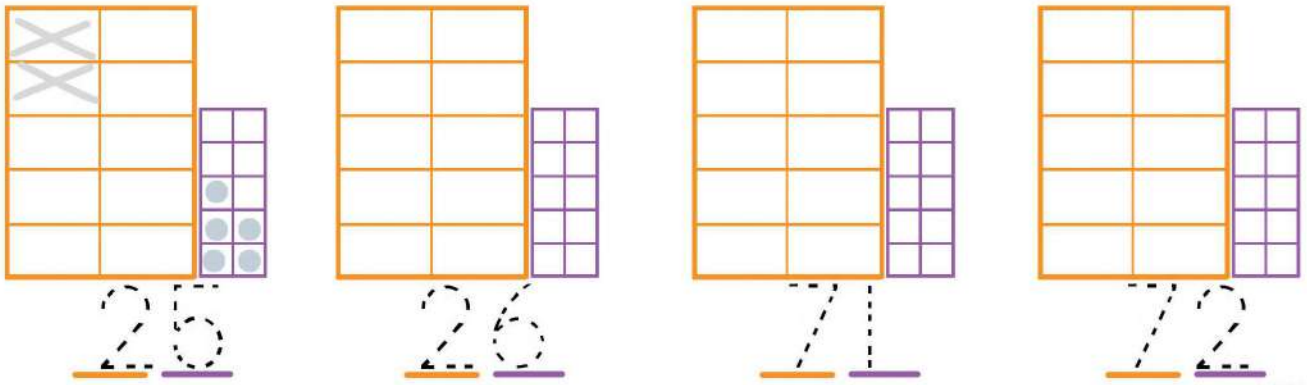
Add one to each number and write the result.

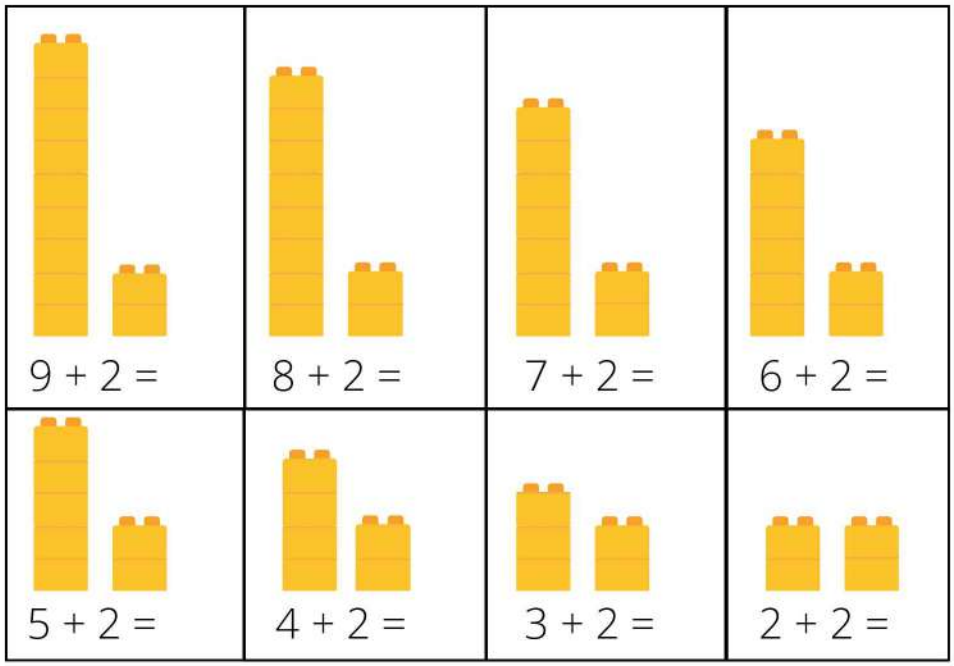
1 + 1 =	6 + 1 =	11 + 1 =
2 + 1 =	7 + 1 =	12 + 1 =
3 + 1 =	8 + 1 =	13 + 1 =
4 + 1 =	9 + 1 =	14 + 1 =
5 + 1 =	10 + 1 =	15 + 1 =

How many are in each box? Remember to draw circles around groups of ten.

		
35 23 33	26 19 20	28 30 36

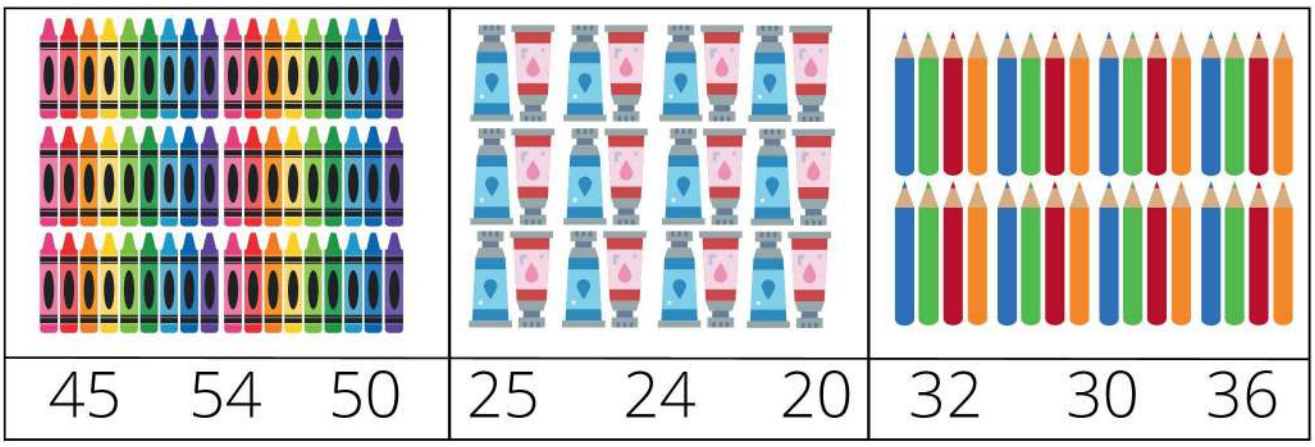
Each X represents 10 dots. Draw X's and dots in the frames to make the numbers below them. Trace the numbers and name them aloud.



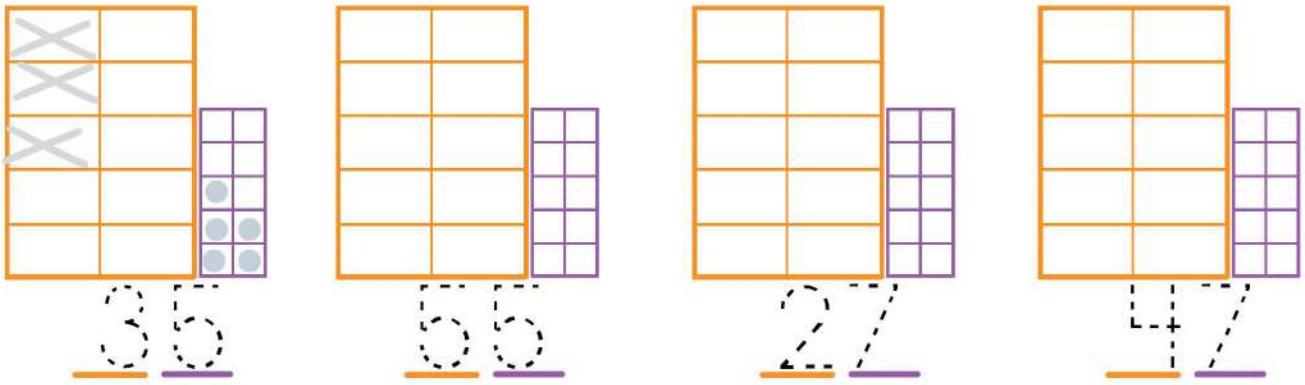


1 + 2 =
2 + 2 =
3 + 2 =
4 + 2 =
5 + 2 =
6 + 2 =
7 + 2 =
8 + 2 =
9 + 2 =
10 + 2 =

How many are in each box? Remember to draw circles around groups of ten.



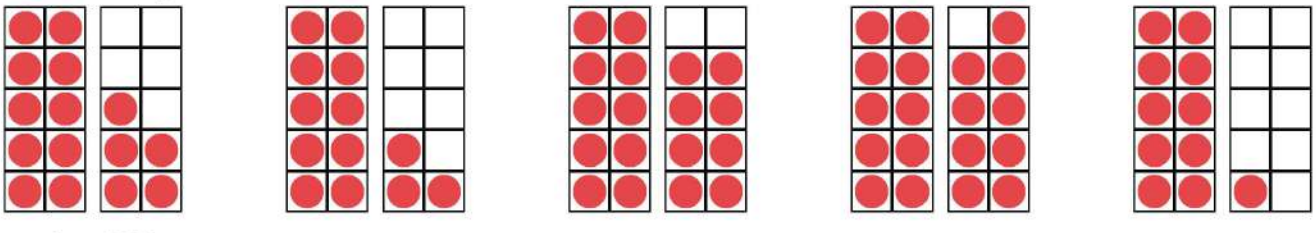
Each X represents 10 dots. Draw X's and dots in the frames to make the numbers below them. Trace the numbers and name them aloud.



Trace and fill in the missing numbers.

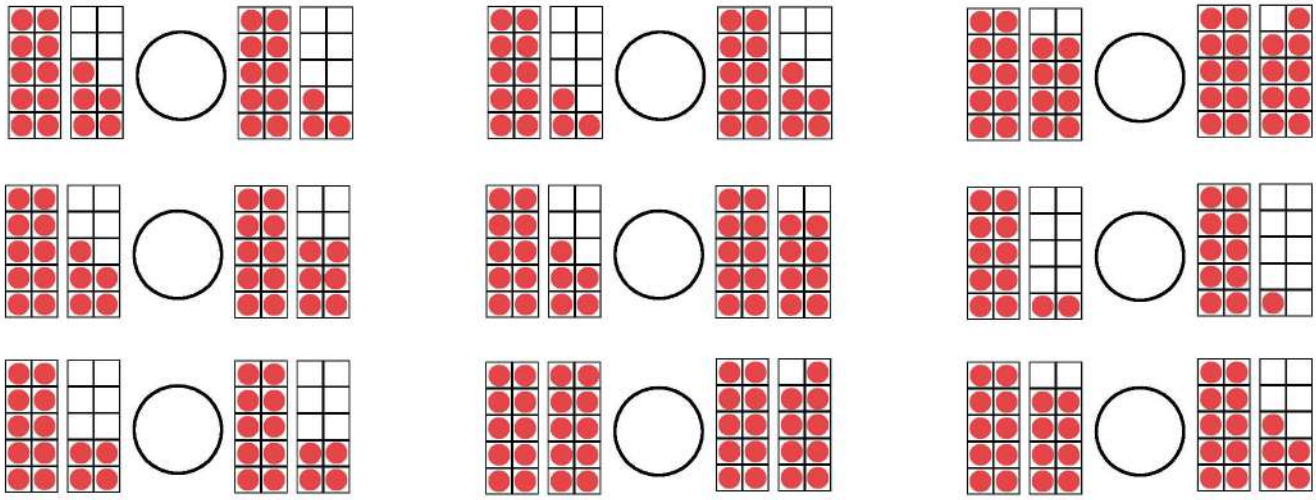
	2	3		5	6		8		
	12					17	18		

How many dots are there?



15 ____ ____ ____ ____ ____

Draw the correct comparison symbol (<, >, =) in each circle. Remember that sharks like to eat the largest amount.



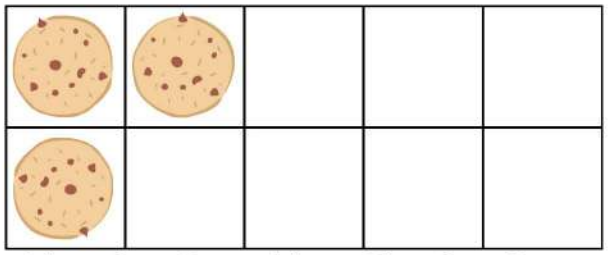
14 ◯ 17 10 ◯ 9 19 ◯ 20 7 ◯ 6

16 ◯ 11 15 ◯ 15 8 ◯ 5 3 ◯ 13

12 ◯ 12 14 ◯ 13 8 ◯ 18 5 ◯ 0

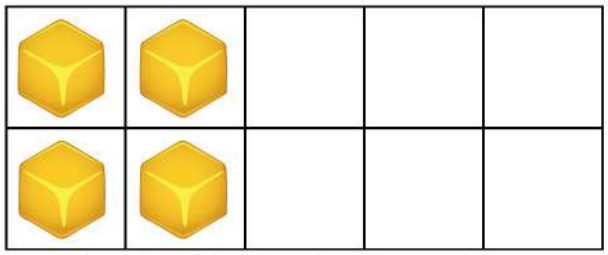
Some, some MORE stories

Draw the stories below in the ten frames, then write each number sentence and read them aloud.



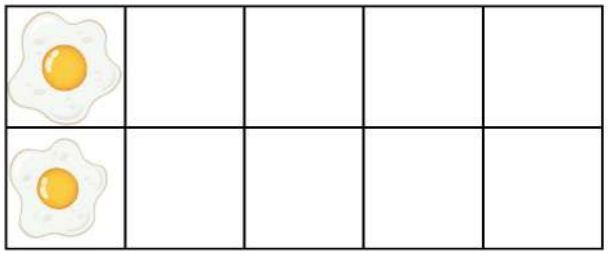
Lizzy has 3 cookies. Give her 2 more.

____ + ____ = ____



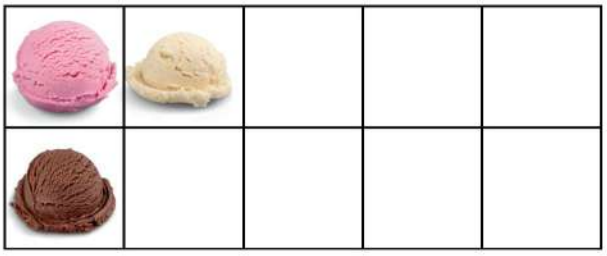
Joe had 4 blocks. He found 4 more.

____ + ____ = ____



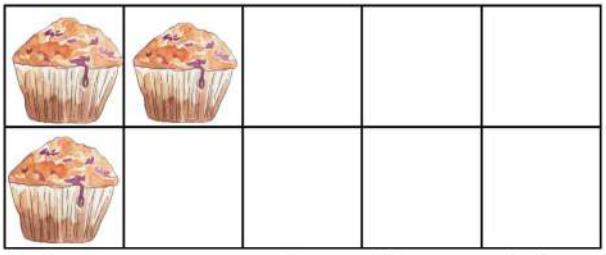
Mom fried 2 eggs for you and 2 eggs for herself.

____ + ____ = ____



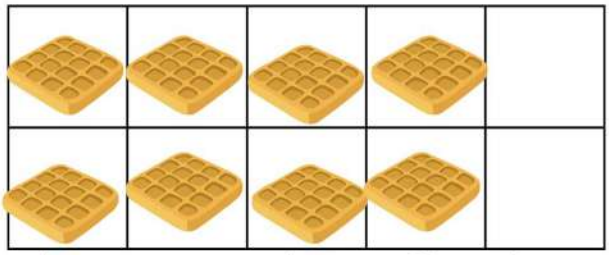
Mae bought 3 scoops of ice cream. You bought 2 scoops.

____ + ____ = ____



The moose ate 3 muffins and the mouse ate 4.

____ + ____ = ____

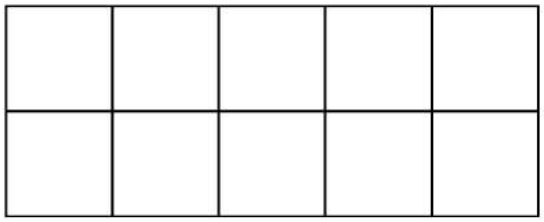


The mouse made 8 waffles. Then you made 2 more.

____ + ____ = ____

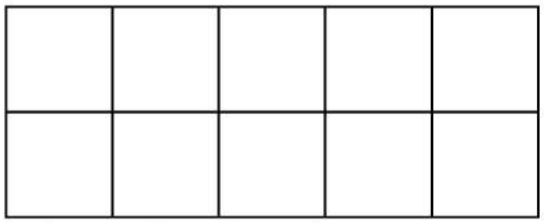
Some, some MORE stories

Draw the stories below in the ten frames, then write each number sentence and read them aloud.



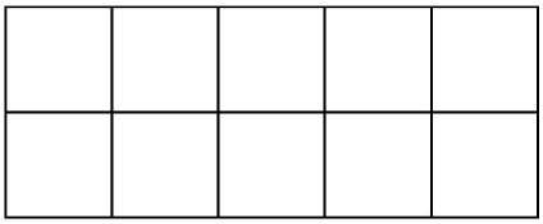
Jack bought 4 magic bean seeds and 2 squash seeds.

___ + ___ = ___



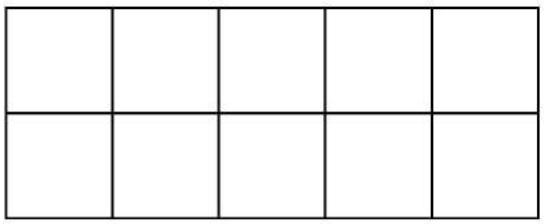
Sal's mother found 10 blueberries and Sal found 0.

___ + ___ = ___



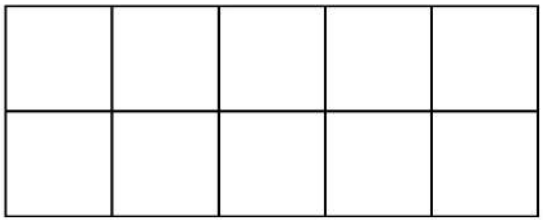
Max had a wild rumpus with 6 large monsters and 2 small monsters.

___ + ___ = ___



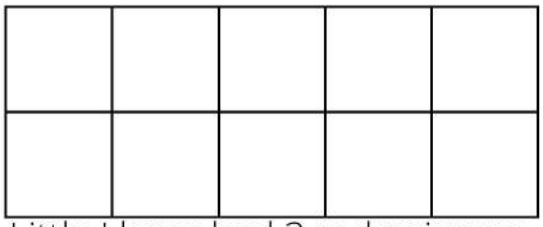
Peter Rabbit ate 5 carrots and 2 radishes from your garden.

___ + ___ = ___



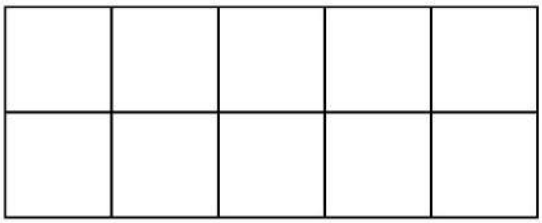
Jack stole a golden goose and 3 golden eggs from the giant.

___ + ___ = ___



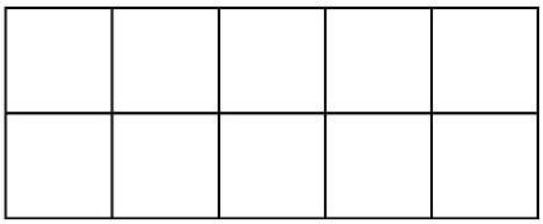
Little Llama had 3 red pajamas and 4 blue pajamas.

___ + ___ = ___



The very hungry caterpillar ate 1 apple and 2 pears and 3 plums.

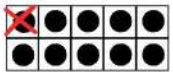
___ + ___ + ___ = ___



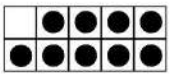
The cat in the hat brought 2 books and 2 kites to your house.

___ + ___ = ___

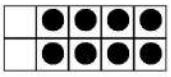
Subtract one by crossing out one dot from the ones place.



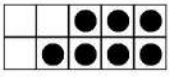
10 - 1 = 9



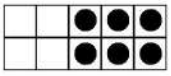
9 - 1 = ____



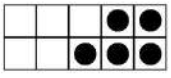
8 - 1 = ____



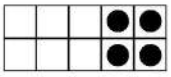
7 - 1 = ____



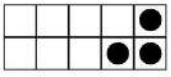
6 - 1 = ____



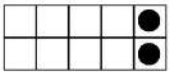
5 - 1 = ____



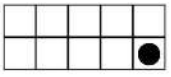
4 - 1 = ____



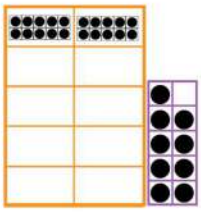
3 - 1 = ____



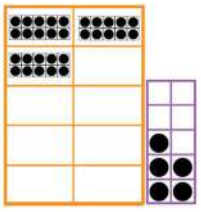
2 - 1 = ____



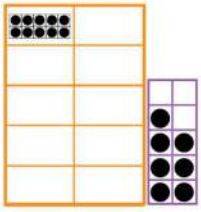
1 - 1 = ____



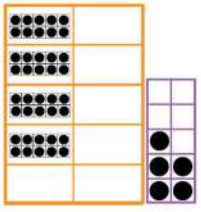
29 - 1 = ____



35 - 1 = ____

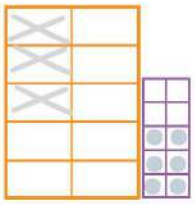


17 - 1 = ____

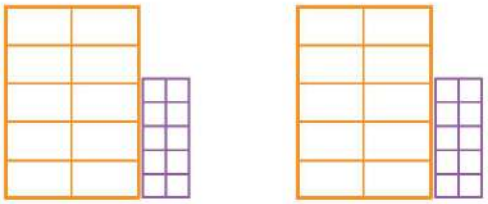


45 - 1 = ____

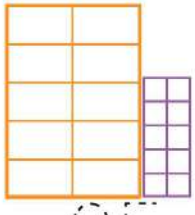
Use X's to represent 10 dots in the TENS place below. Use dots in the ONES place. Build the numbers in the ten frames, then trace them and name them.



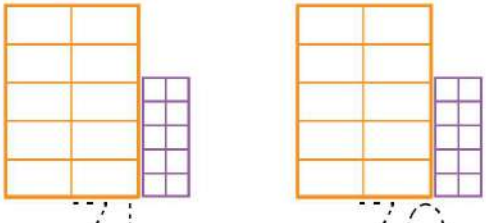
36 one less 35



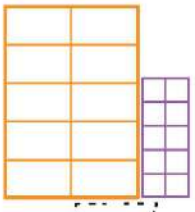
43 one less 42 one less 41



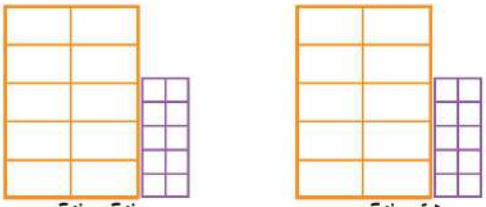
26 24



71 70 69

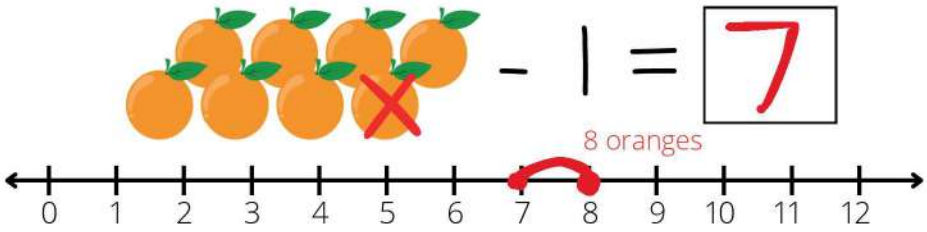


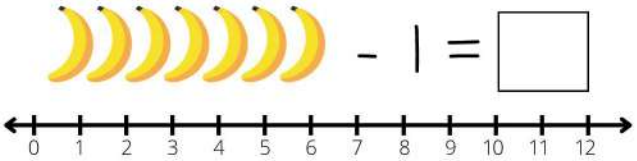
57 56

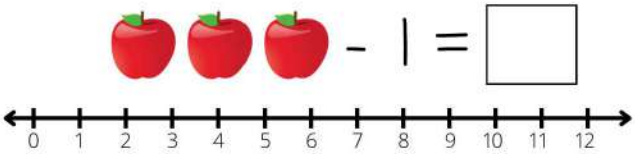


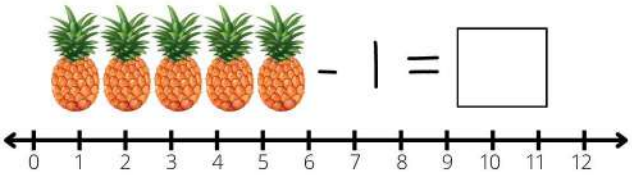
99 98 97

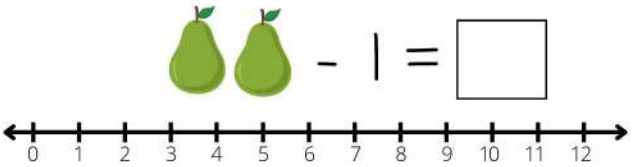
Count the pieces of fruit. Cross one out and write the new number in the box. Mark that number of pieces on the number line. Draw a jump to one number LESS (left).

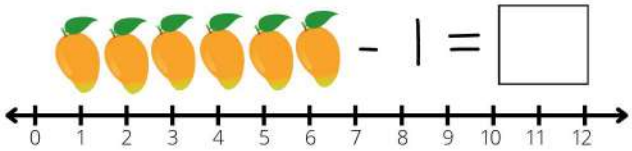


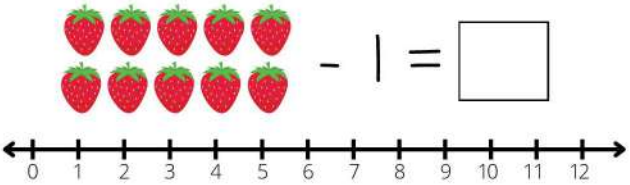


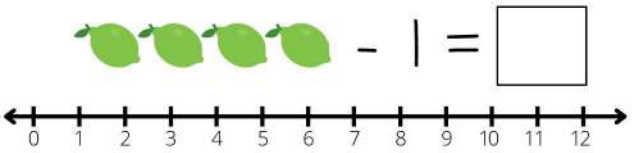


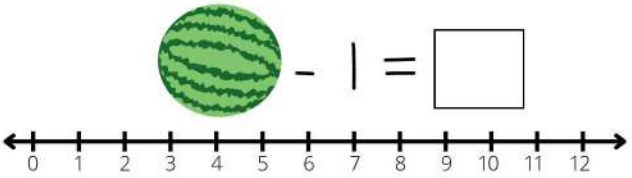








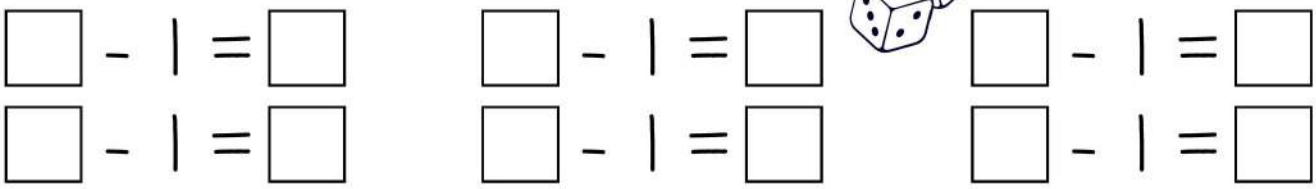




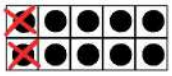
Trace and fill in the missing numbers.

	2								
								9	

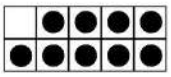
Roll a die and write the number rolled in the first box of each problem to create your own subtraction problems.



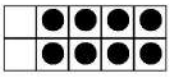
Subtract two by crossing out two dots from the ones place.



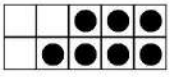
10 - 2 = 8



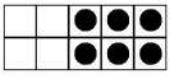
9 - 2 = ____



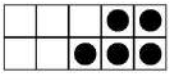
8 - 2 = ____



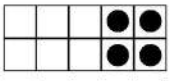
7 - 2 = ____



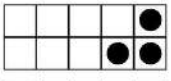
6 - 2 = ____



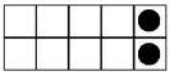
5 - 2 = ____



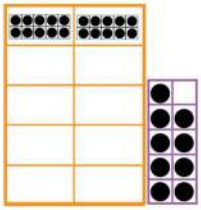
4 - 2 = ____



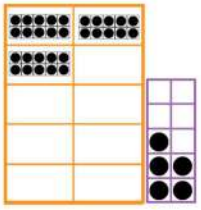
3 - 2 = ____



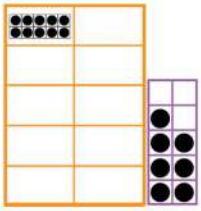
2 - 2 = ____



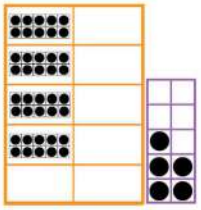
29 - 2 = ____



35 - 2 = ____



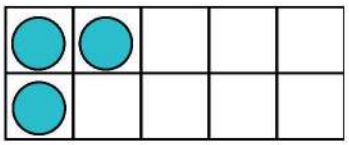
17 - 2 = ____



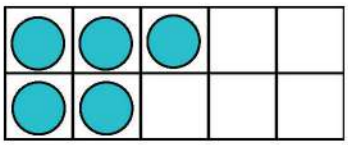
45 - 2 = ____

Count backwards from 10 to 1.

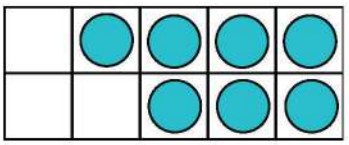
Subtract the empty squares from ten to find how many circles you have.



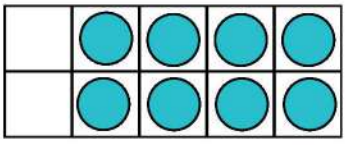
10 - 7 = 3



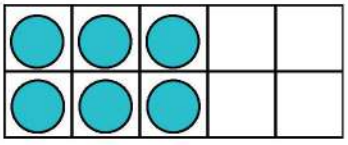
10 - ___ = ___



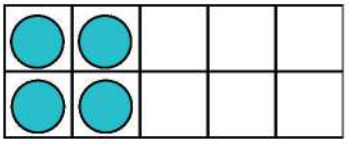
10 - ___ = ___



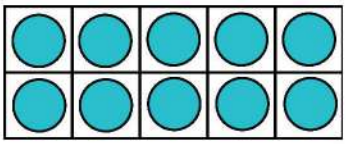
10 - ___ = ___



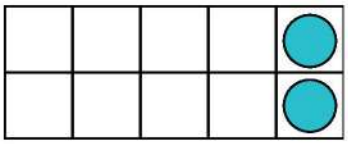
10 - ___ = ___



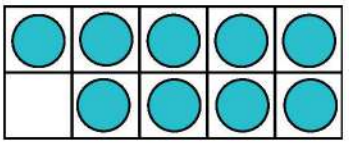
10 - ___ = ___



10 - ___ = ___

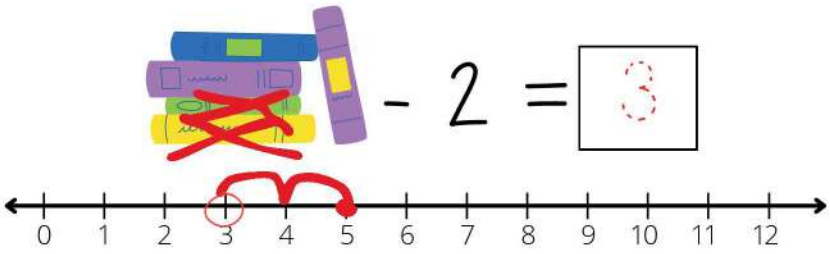


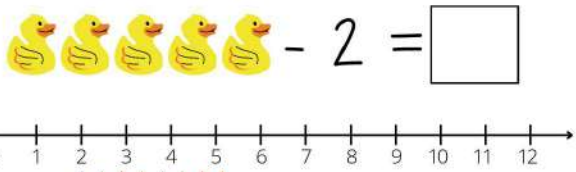
10 - ___ = ___

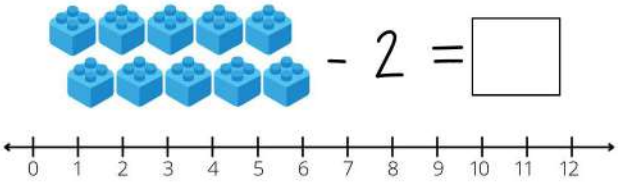


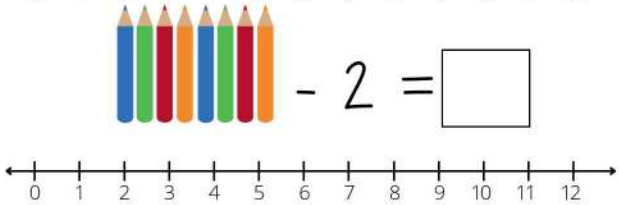
10 - ___ = ___

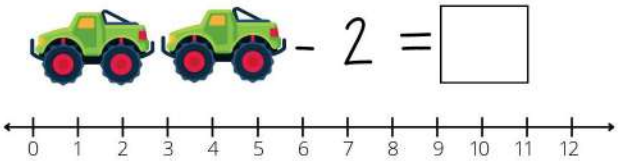
Count the items. Cross out two and write the new number in the box. Mark that number of pieces on the number line. Jump two numbers to the left.

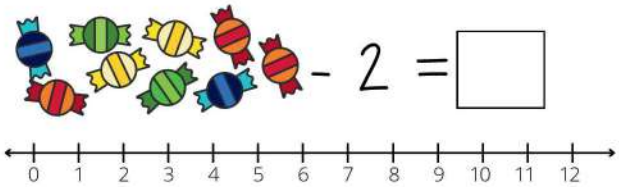


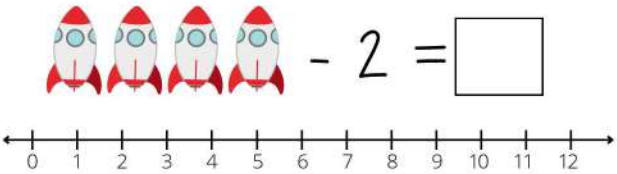












What are you?

Write an A in the 7th square.
Write an I in the 1st square.
Write an N in the 8th square.
Write an R in the 5th square.
Write a T in the 9th square.
Write a T in the 6th square.
Write an M in the 2nd square.
Write an O in the 4th square.
Write a P in the 3rd square.

Roll a die to create your own subtraction problems.

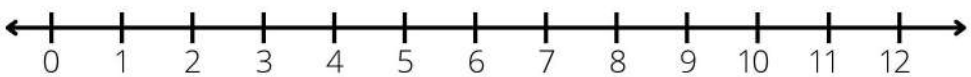
□ - 2 = □ □ - 2 = □ □ - 2 = □

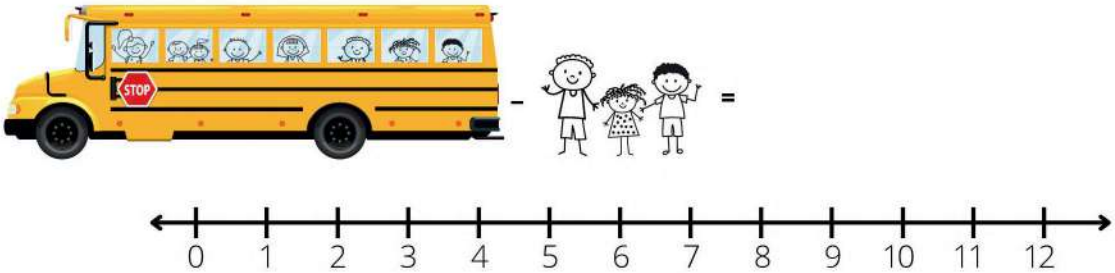
□ - 2 = □ □ - 2 = □ □ - 2 = □

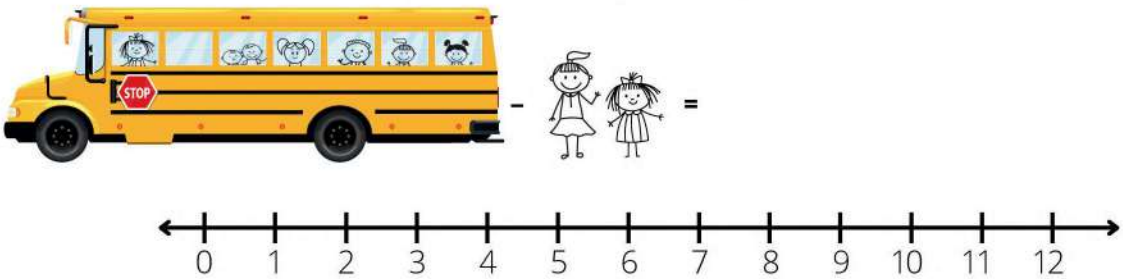
Illustrate these "Some, some went away" stories and write number sentences.

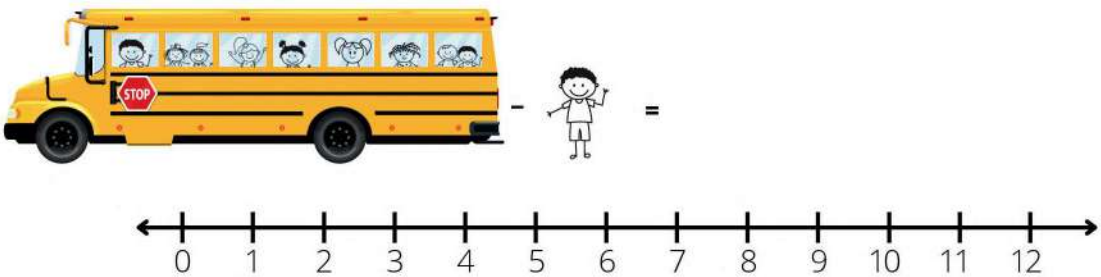
I had 10 apples. I got hungry and ate 3 of them. How many do I have now?	I had eight balloons yesterday. Five of them blew away. How many do I have now?
There were seven fish in the aquarium. Two died. How many are there now?	My mom made nine sandwiches for the picnic. Seven of them were eaten. How many are left?
You had eight pencils. You lent one to a friend and lost two. How many do you have now?.	Your dog had five puppies. Your mom found new homes for four of them. How many puppies do you have now?
Your sister made ten muffins for breakfast. Your family ate nine of them. How many muffins are left?	I had eight crayons. My baby brother ate one. How many crayons do I have now?

Six kids were riding the bus. Three of them got off. How many kids are on the bus now?

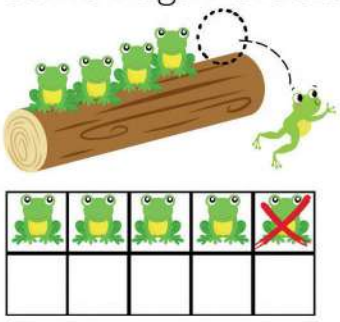




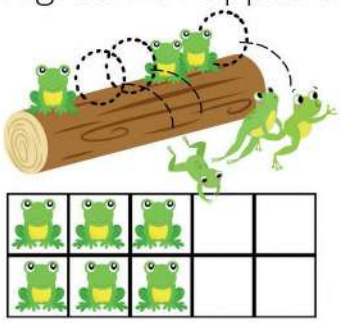




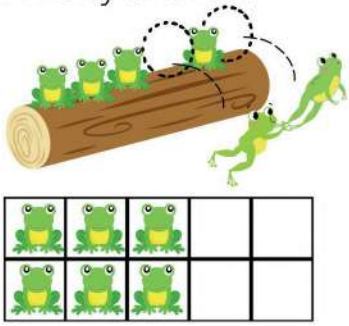
Some frogs were sitting on a log. Some hopped away. How many are left?



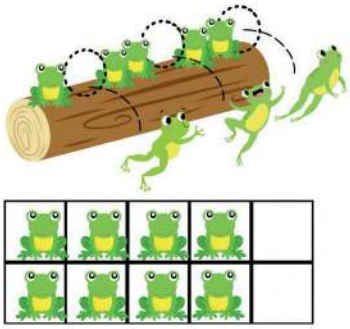
5 - 1 = ____



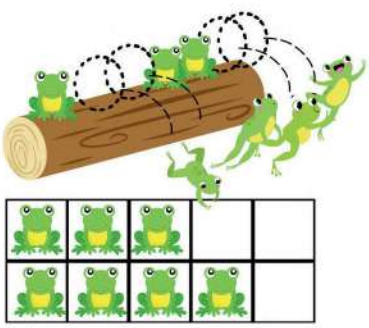
___ - ___ = ____



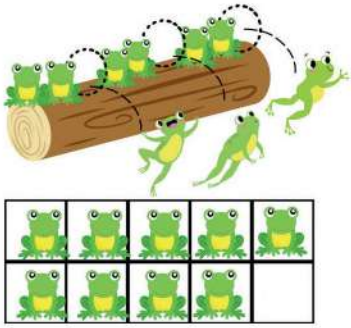
___ - ___ = ____



___ - ___ = ____

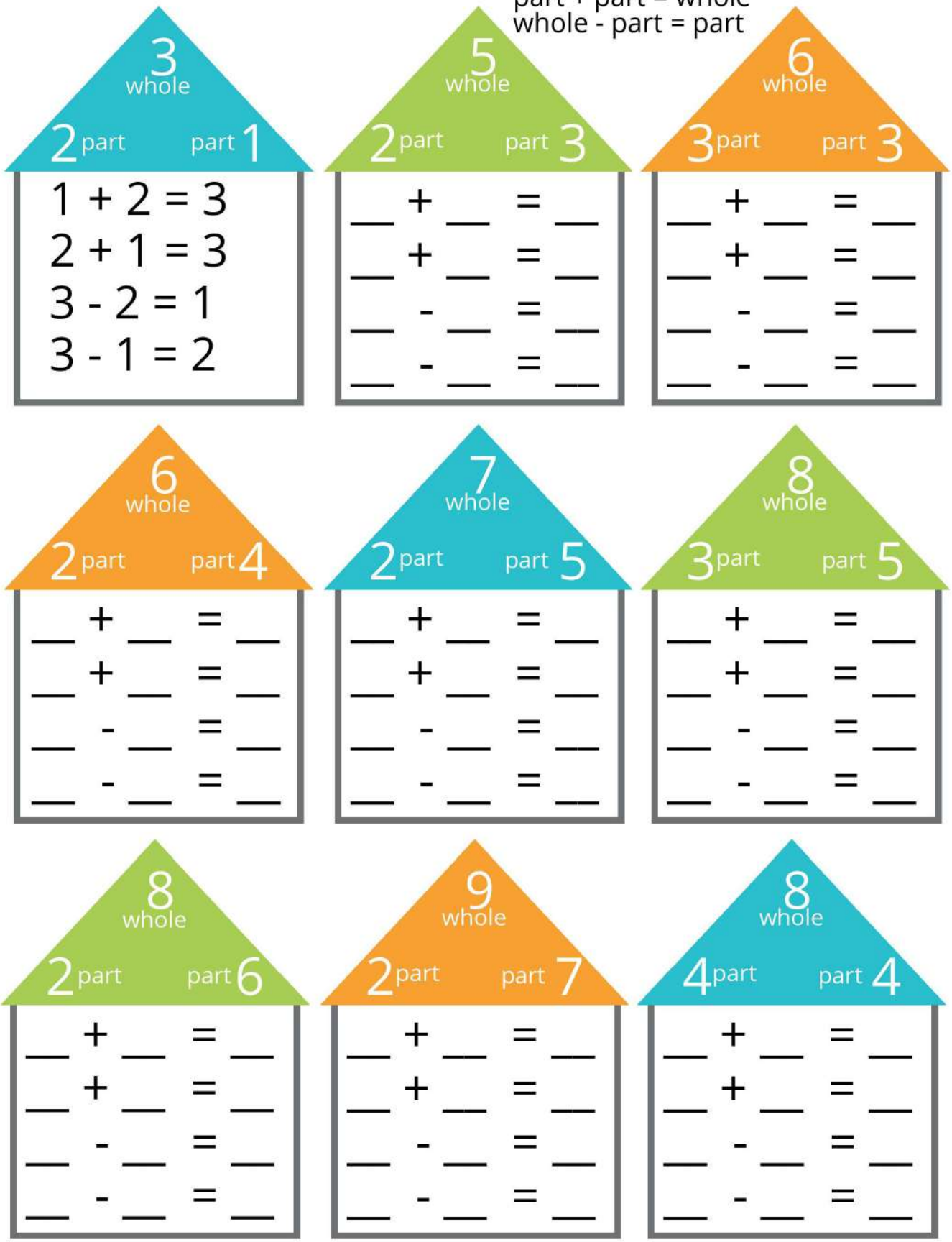


___ - ___ = ____

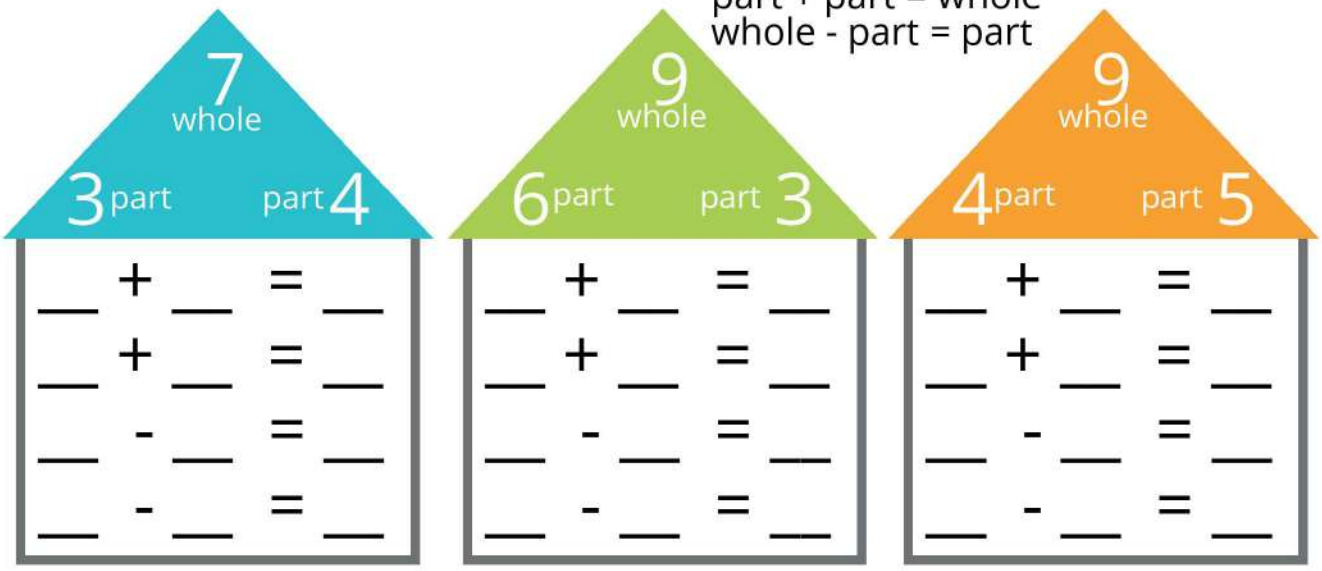


___ - ___ = ____

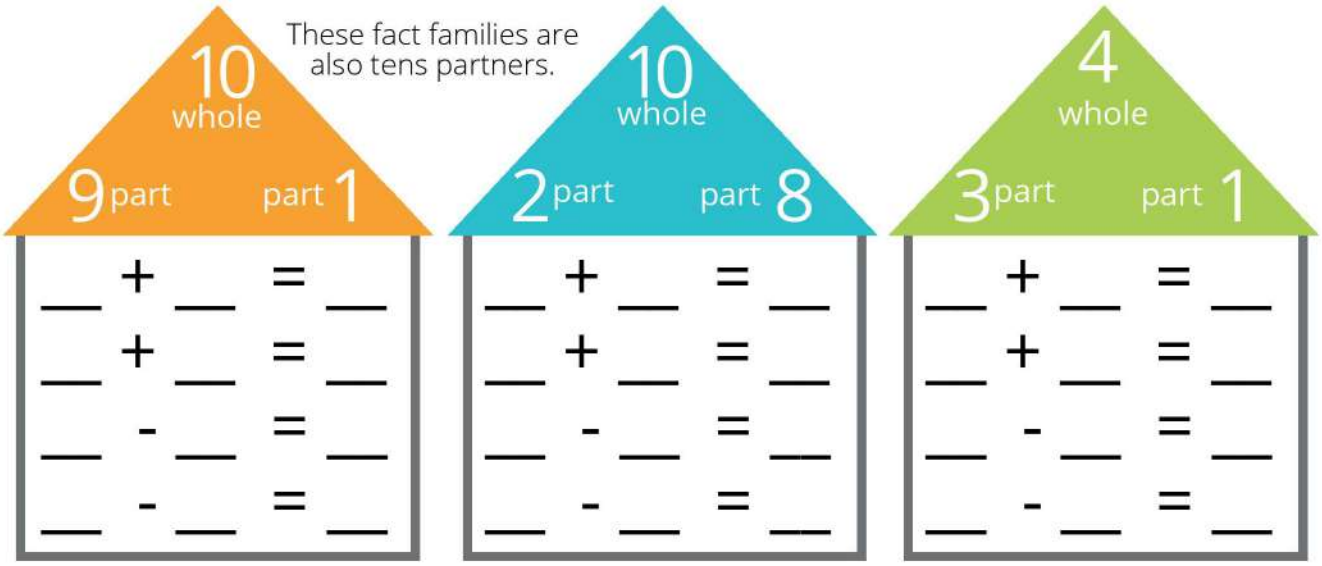
part + part = whole
whole - part = part



part + part = whole
whole - part = part



These fact families are also tens partners.



These fact families are also tens partners.

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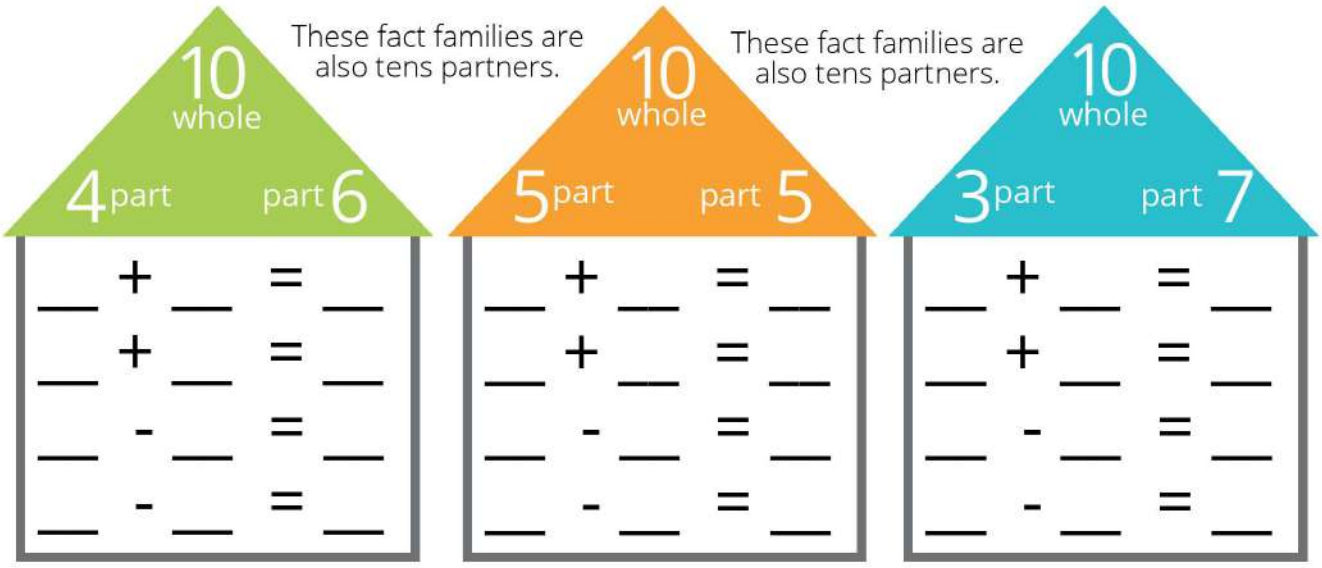
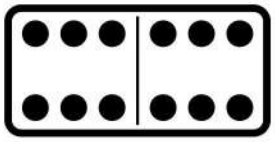
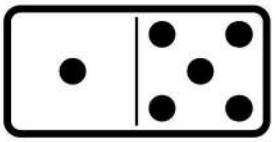


Add the dots on each side of the domino to find the total.

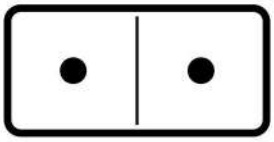


6 + 6 = ____

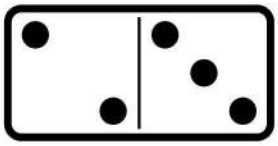
0 + 0 = ____



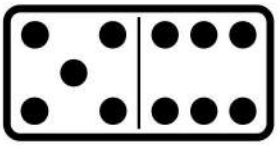
1 + 5 = ____



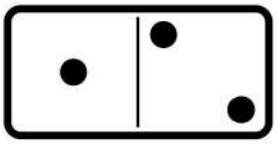
___ + ___ = ___



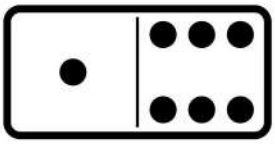
___ + ___ = ___



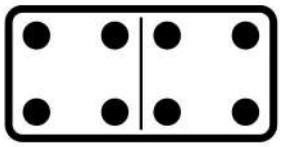
___ + ___ = ___



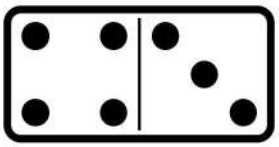
___ + ___ = ___



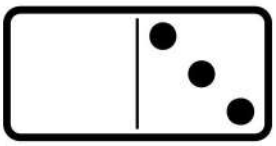
___ + ___ = ___



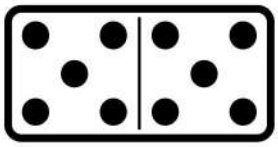
___ + ___ = ___



___ + ___ = ___

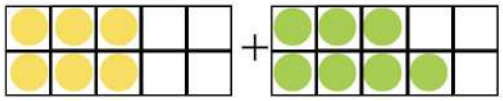


___ + ___ = ___

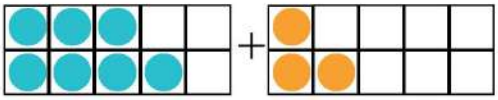


___ + ___ = ___

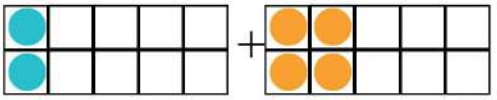
Add each ten frame to find the total.



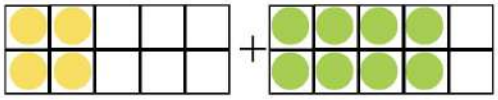
___ + ___ = ___



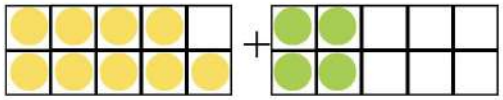
___ + ___ = ___



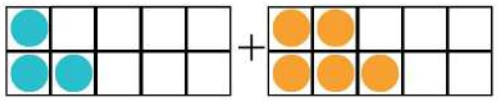
___ + ___ = ___



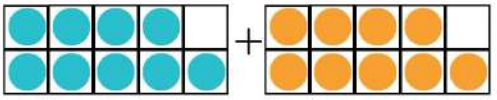
___ + ___ = ___



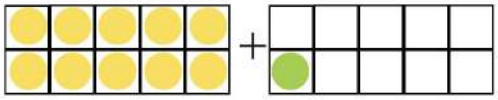
___ + ___ = ___



___ + ___ = ___



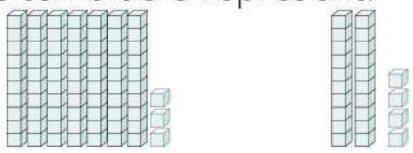
___ + ___ = ___

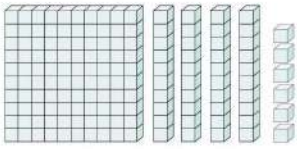


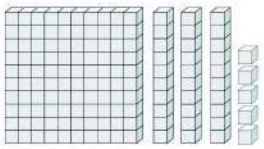
___ + ___ = ___

What numbers do these base ten blocks represent?

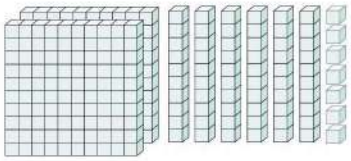
37

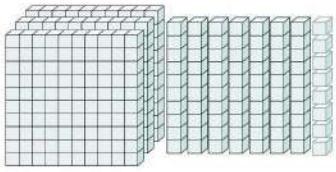


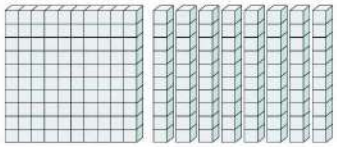


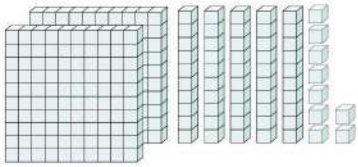


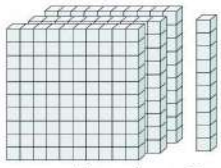
135











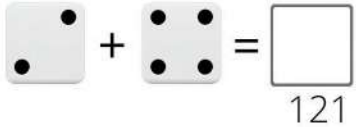
310

I can COUNT and write to 30

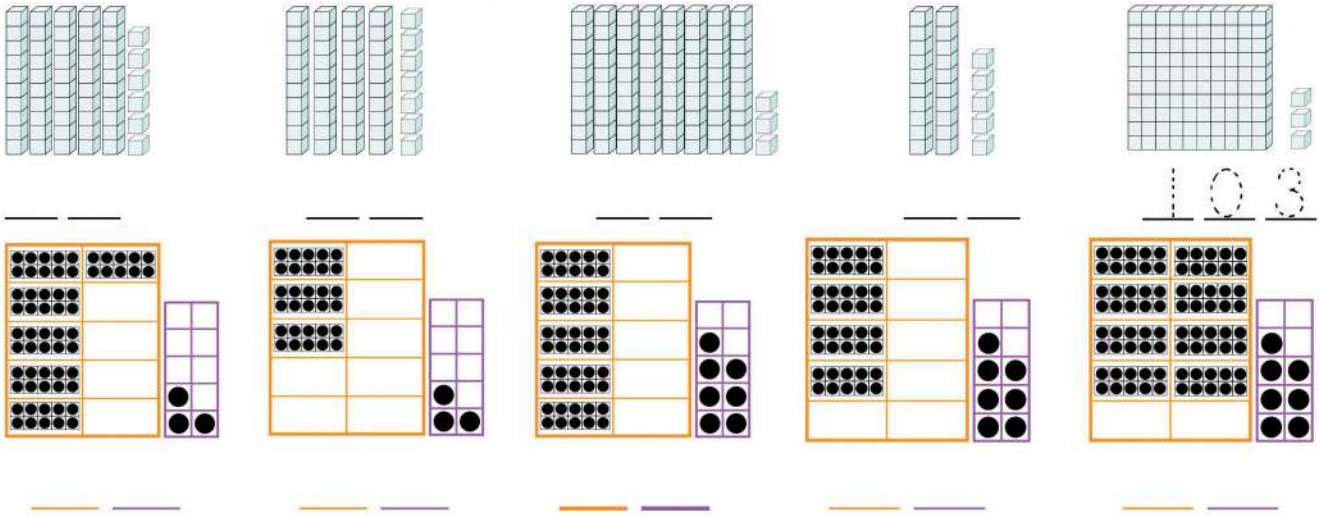
1			4			7			
11		13						19	
	22						28		

Add the dots on the dice to find the total.

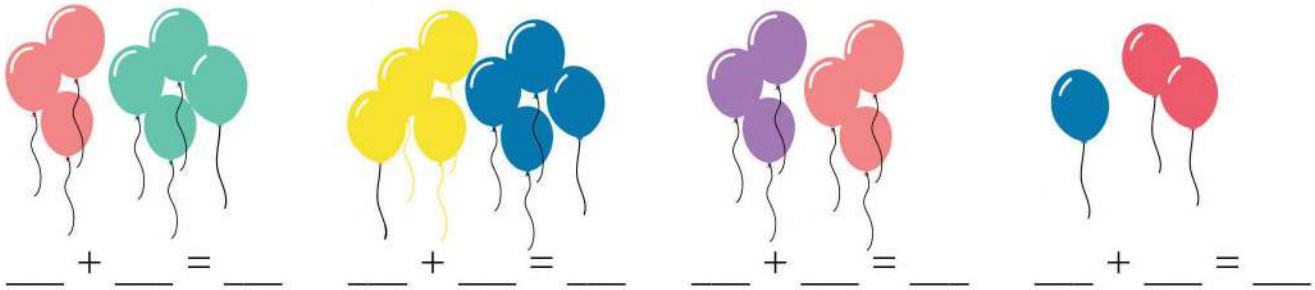
8



What numbers do these base ten blocks represent?



Add the different colors of balloons.



___ + ___ = ___ ___ + ___ = ___ ___ + ___ = ___ ___ + ___ = ___

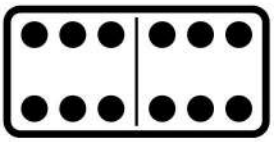
Number Maze

Start at the number 1 and find your way to number 50 without removing your pencil from the paper.

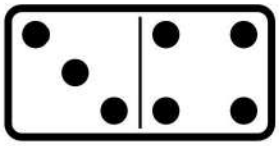
Warning: This maze is very difficult and should only be undertaken by brave mathematicians!

			38	39	40	41	42
			37	36	35	34	43
27	28	29	30	31	32	33	44
26	23	22	21	8	7	6	45
25	24	19	20	9	4	5	46
16	17	18	11	10	3	50	47
15	14	13	12	1	2	49	48

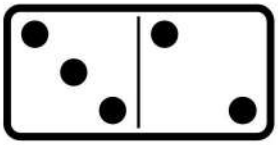
Add the dots on both sides of the domino to find the total.



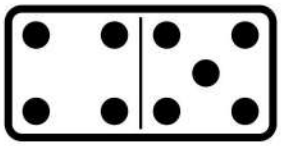
___ + ___ = ___



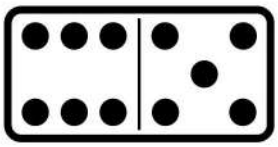
___ + ___ = ___



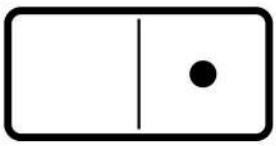
___ + ___ = ___



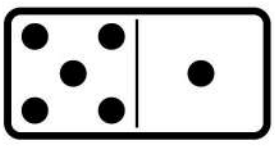
___ + ___ = ___



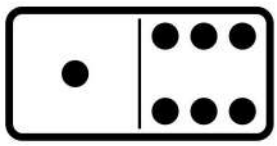
___ + ___ = ___



___ + ___ = ___



___ + ___ = ___



___ + ___ = ___

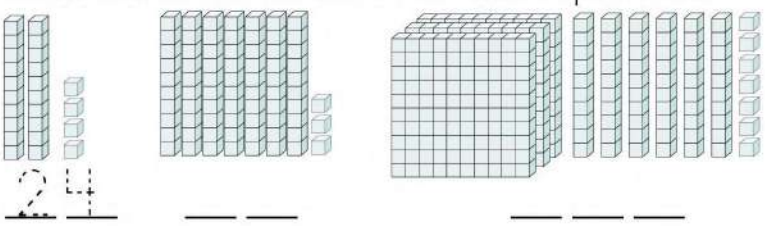
How many cups are in a quart? Draw them here. If you don't remember, go ask your mom to help you measure cups into a quart jar. Remember, the cup must be full and level.

Complete this challenge, then cut it out and display your counting prowess on your fridge!

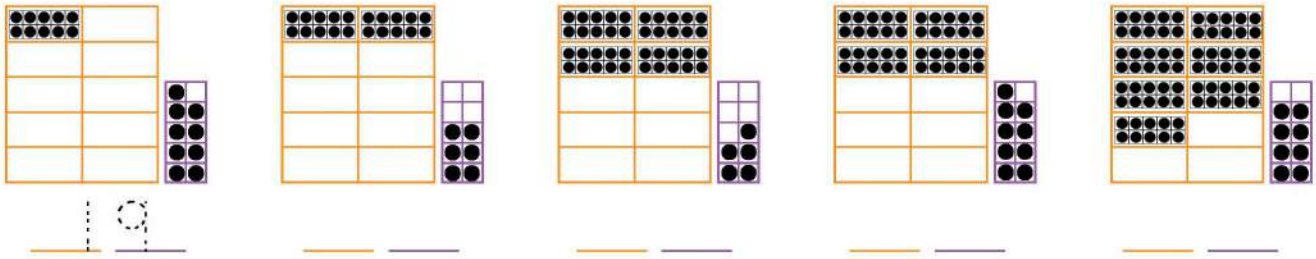
I CAN COUNT BY 2'S

1		3		5		7		9	
11		13		15		17		19	
21		23		25		27		29	
31		33		35		37		39	

What numbers do these visuals represent?

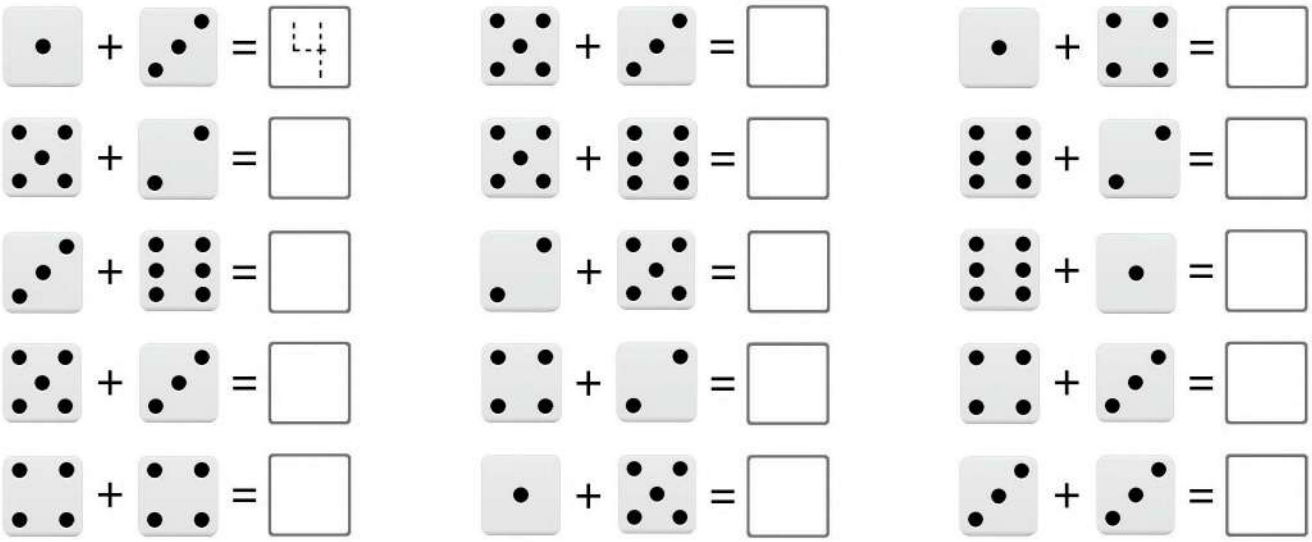


24 ___ ___ ___ ___ ___



19 ___ ___ ___ ___ ___

Add the dots on the dice to find the total.

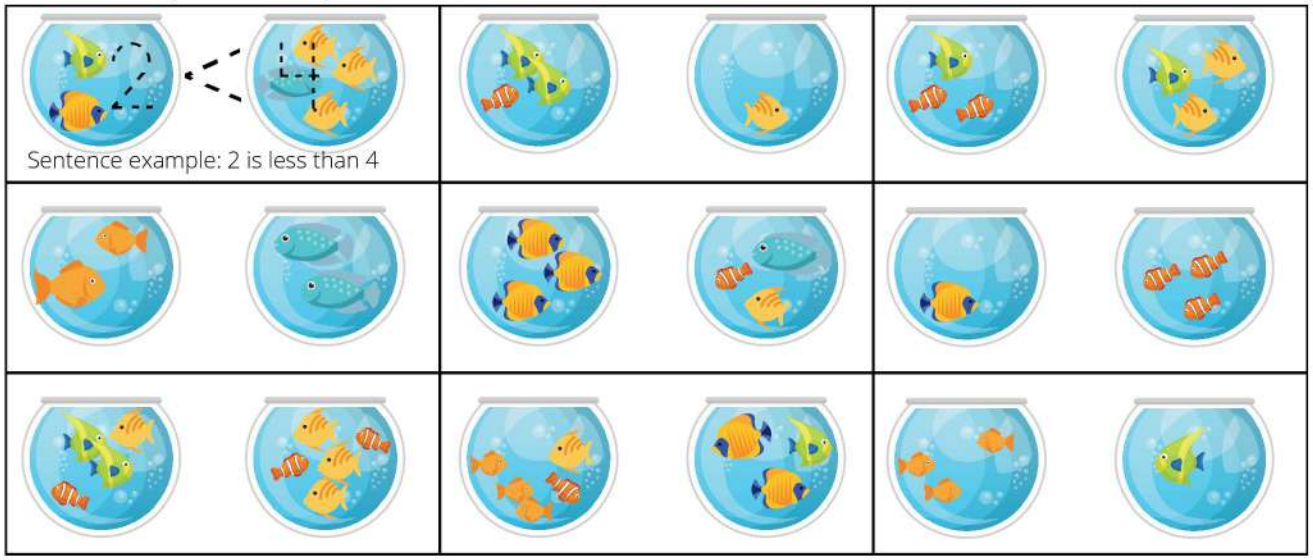


+ = 4	+ =	+ =
+ =	+ =	+ =
+ =	+ =	+ =
+ =	+ =	+ =
+ =	+ =	+ =

I can COUNT and write to 50.

1	2	3						9	
				15			18		
			24			27			
	32								40
		43						49	

Draw comparison symbols (<, >, =) between each set of fishbowls.

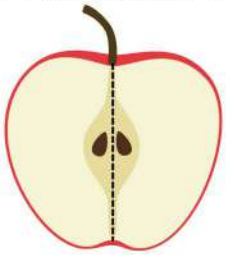


Complete this challenge, then cut it out and display your counting prowess on your fridge!

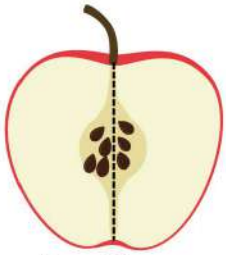
I CAN COUNT BY 5'S

1	2	3	4		6	7	8	9		
11	12	13	14		16	17	18	19		
21	22	23	24		26	27	28	29		
31	32	33	34		36	37	38	39		
41	42	43	44		46	47	48	49		
51	52	53	54		56	57	58	59		
61	62	63	64		66	67	68	69		
71	72	73	74		76	77	78	79		
81	82	83	84		86	87	88	89		
91	92	93	94		96	97	98	99		

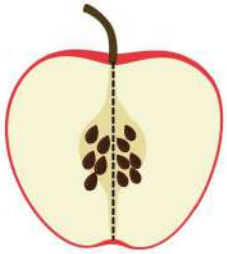
Draw seeds in the apples to match the number sentences, then add.



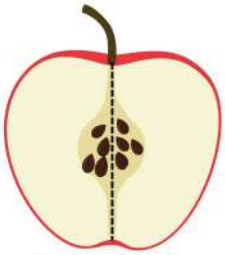
1 + 1 = ___



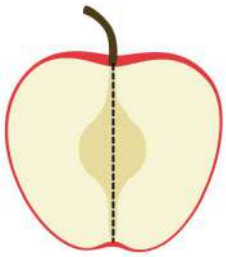
4 + 3 = ___



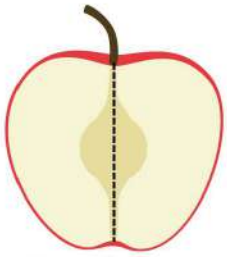
5 + 6 = ___



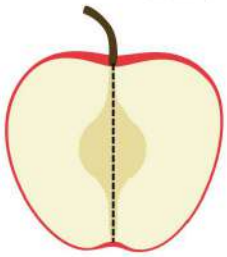
4 + 4 = ___



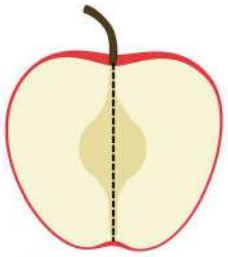
2 + 3 = ___



3 + 1 = ___



2 + 2 = ___



3 + 3 = ___

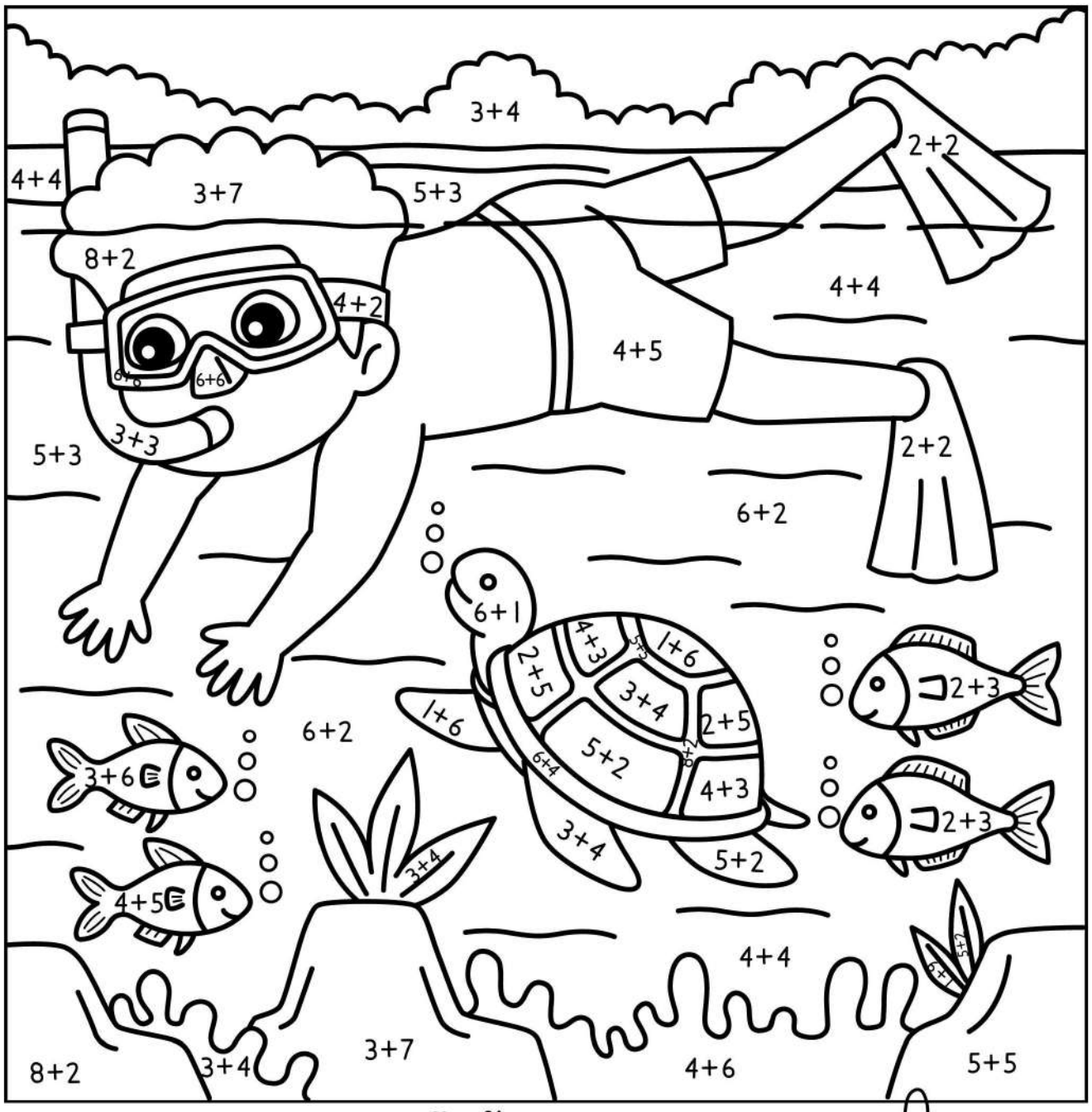
I am great at math!

I can COUNT and write to 80

1	2	3						9	
11				15			18		20
		23	24			27			
	32								40
41		43						49	
			54	55		57	58		
61	62								70
71					76			79	

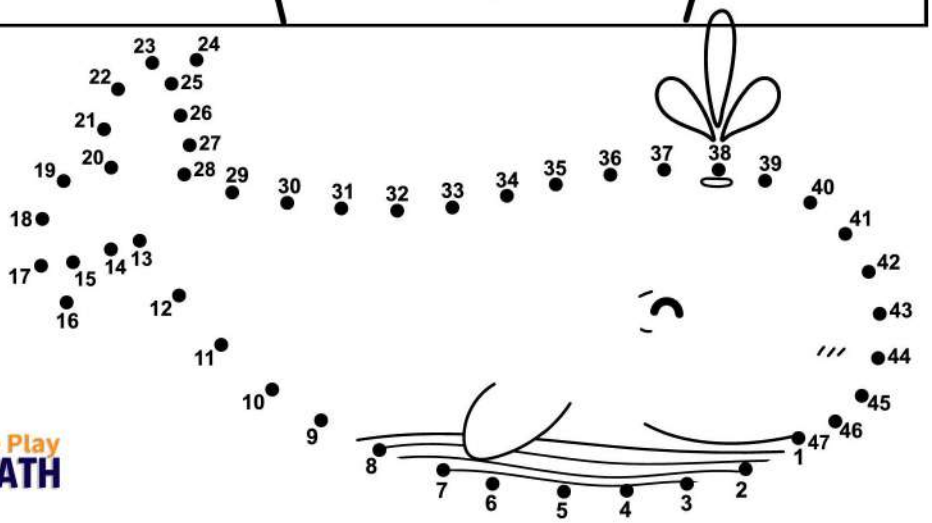
I CAN COUNT BY 10'S

1	2	3	4	5	6	7	8	9	
11	12	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	28	29	
31	32	33	34	35	36	37	38	39	
41	42	43	44	45	46	47	48	49	
51	52	53	54	55	56	57	58	59	
61	62	63	64	65	66	67	68	69	
71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	
91	92	93	94	95	96	97	98	99	

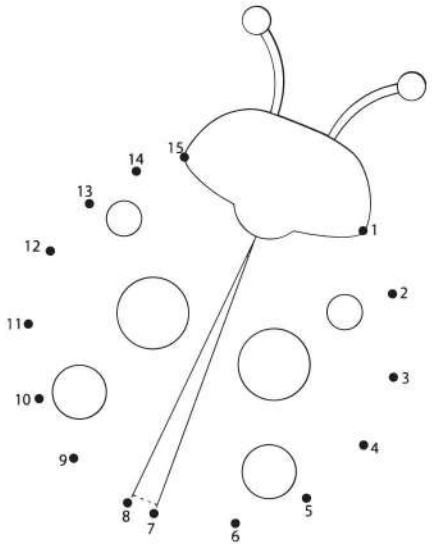


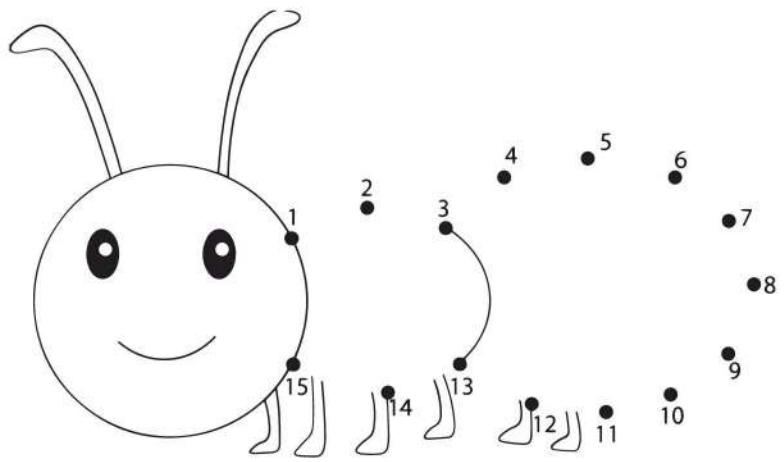
Color by code.

4	8
5	9
6	10
7	12



We Play MATH





Complete the fact families.

6		
2		4

__ + __	=	__
__ + __	=	__
__ - __	=	__
__ - __	=	__

7		
2		5

__ + __	=	__
__ + __	=	__
__ - __	=	__
__ - __	=	__

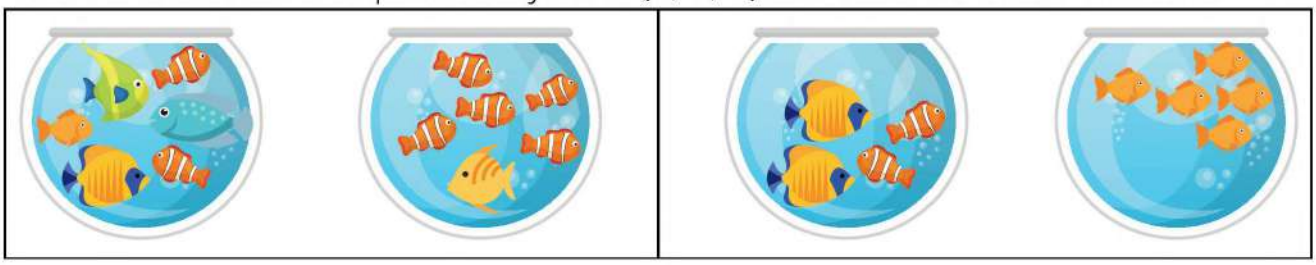
9		
5		4

__ + __	=	__
__ + __	=	__
__ - __	=	__
__ - __	=	__

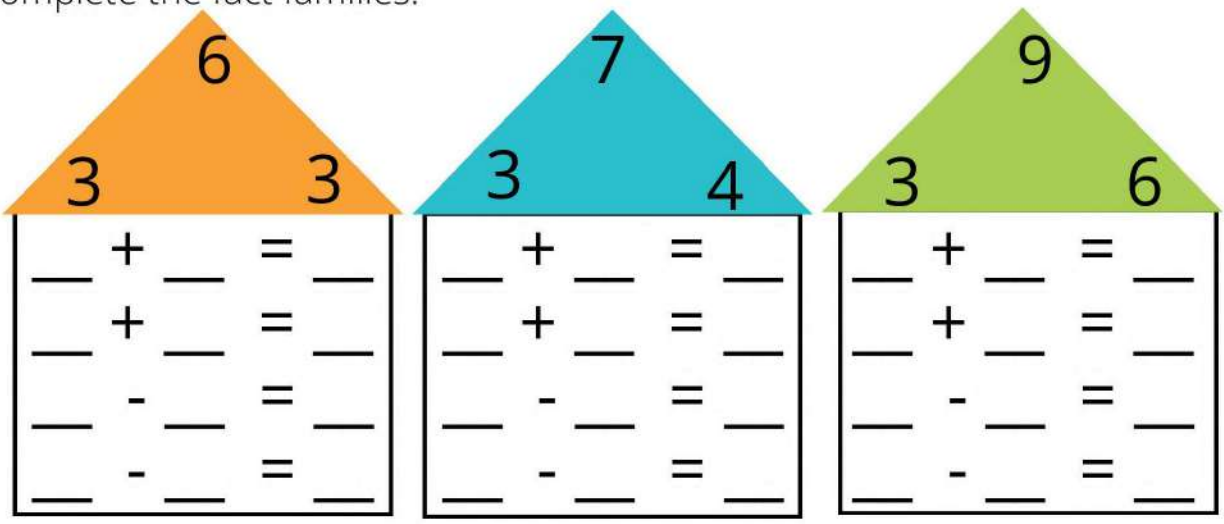
I can COUNT and write to 70

1		3		5				9	
	12				16	17			20
			24	25			28		
31		33							
	42				46			49	
			54	55		57	58		
61	62				66				

Write the correct comparison symbol (<, >, =) between each set of bowls.



Complete the fact families.



I can COUNT and write to 90

1	2	3						9	
11				15			18		20
		23	24			27			
	32				36				40
41		43						49	
			54	55		57	58		
61	62								70
71			74		76		78		
81		83		85		87		89	

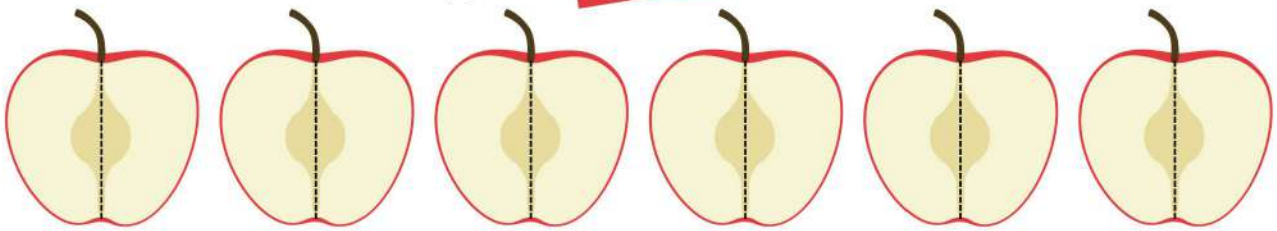
Number Maze 1-100

Start at the number 1 and find your way to number 100 without removing your pencil from the paper. Warning: this maze is very difficult and should only be undertaken by brave mathematicians!

36	35	30	29	28	27	4	3	2	1
37	34	31	24	25	26	5	6	81	82
38	33	32	23	22	21	20	7	80	83
39	40	41	42	43	44	19	8	79	84
50	49	48	47	46	45	18	9	78	85
51	62	63	64	15	16	17	10	77	86
52	61	66	65	14	13	12	11	76	87
53	60	67	68	71	72	73	74	75	88
54	59	58	69	70	97	96	93	92	89
55	56	57	100	99	98	95	94	91	90

Draw 4 seeds in the **second** apple.
Draw 5 seeds in the **first** apple.
Draw 3 seeds in the **sixth** apple.
Draw 7 seeds in the **fourth** apple.
Draw 2 seeds in the **third** apple.

Circle the apple with the fewest seeds.



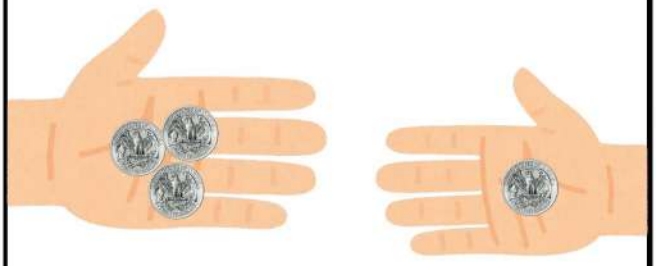
Write a number sentence and tell your mom or dad a "Some, some more" story about each picture.

___ + ___ = ___

___ + ___ = ___

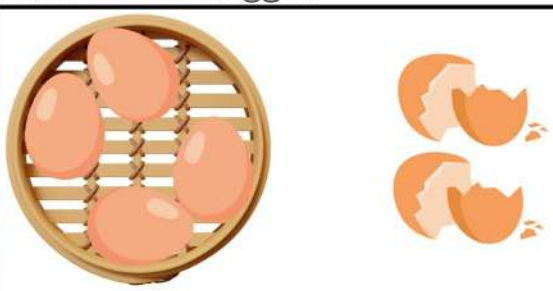
Write a number sentence for each story.

I had 4 quarters. I gave one to my brother. Now I have _____ quarters.



___ - ___ = ___

Our chickens laid 6 eggs. We used two of them to make pancakes. Now we have _____ eggs.

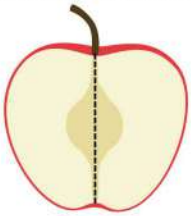


___ - ___ = ___

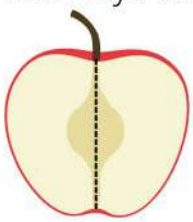
I had 10 shells. The ocean washed 2 of them away. Now I have ___ shells.

___ - ___ = ___

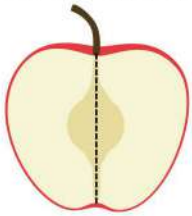
Draw three different ways to make four seeds.



___ + ___ = 4

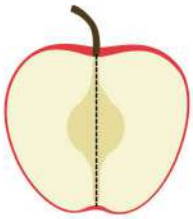


___ + ___ = 4

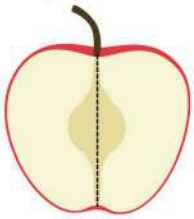


___ + ___ = 4

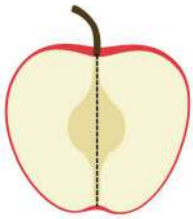
Draw four different ways to make five seeds.



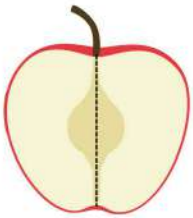
___ + ___ = 5



___ + ___ = 5

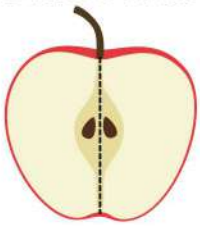


___ + ___ = 5

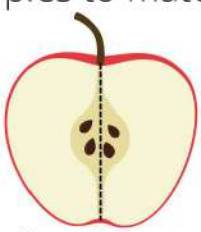


___ + ___ = 5

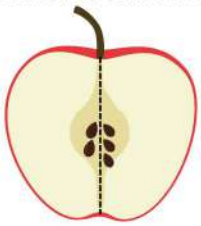
Draw seeds in the apples to match the number sentences, then add.



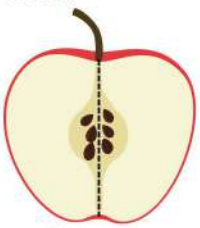
1 + 1 = ___



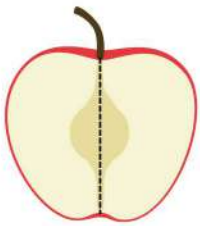
2 + 2 = ___



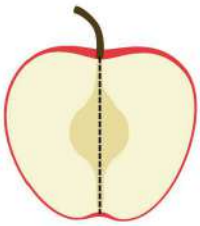
2 + 3 = ___



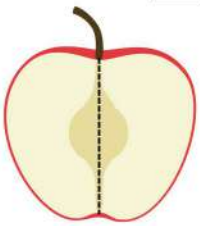
3 + 3 = ___



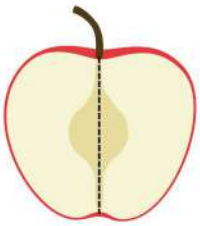
1 + 3 = ___



4 + 1 = ___

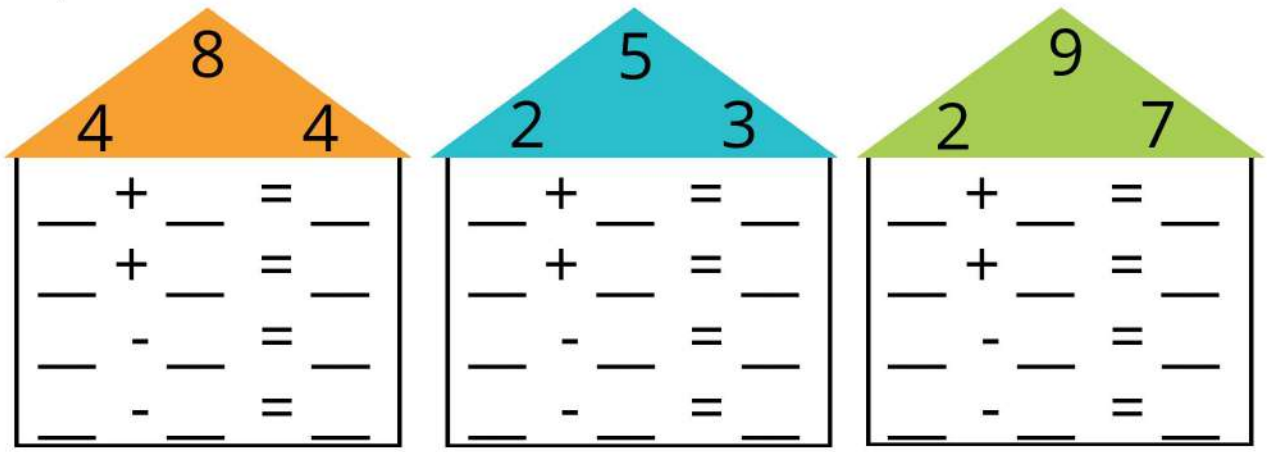


3 + 4 = ___



4 + 4 = ___

Complete the fact families.



Tens Partners Match

Circle two or three adjoining numbers, horizontally, vertically or diagonally that add to ten. Numbers can be reused. How quickly can you complete a whole grid?

For example:

2 + 8 = 10

2	8

For example:

3 + 3 + 4 = 10

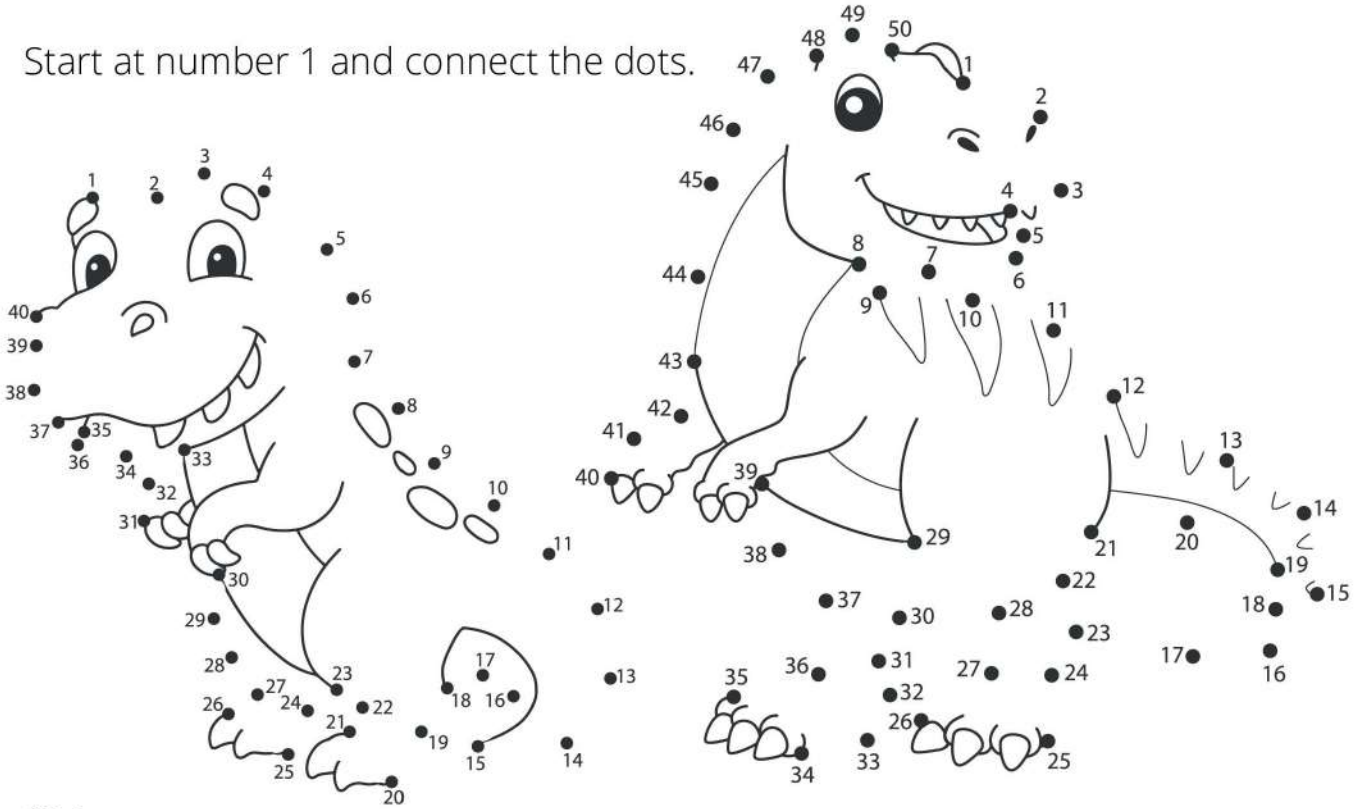
3
3
4

2	7	5	5	1
8	3	7	4	9
4	6	5	6	4
8	2	5	5	5
2	6	4	3	7
2	4	5	7	1
8	6	5	1	9

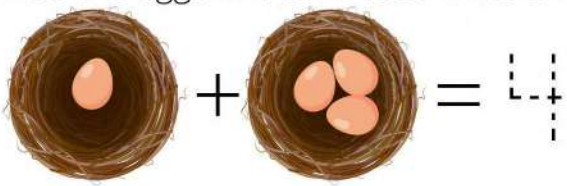
4	4	2	6	2
3	5	1	4	8
3	5	7	1	4
2	8	2	5	3
4	9	1	2	7
4	3	3	3	7
6	2	2	3	5

8	2	6	2	2
1	9	4	8	1
1	8	1	2	7
8	5	5	2	3
8	2	4	6	7
3	5	2	8	4
1	5	4	3	3

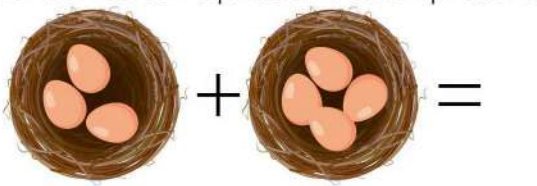
Start at number 1 and connect the dots.



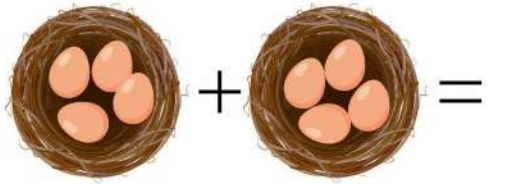
Add the eggs in both nests. Write a number sentence to represent each picture.



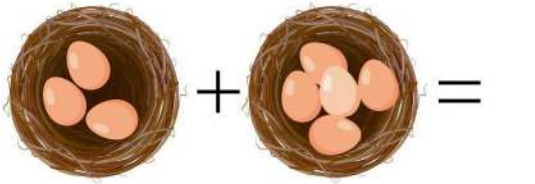
1 + 3 = 4



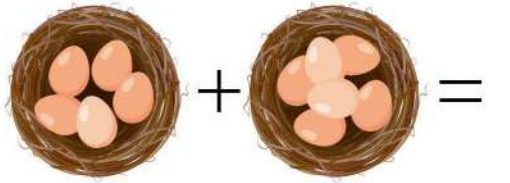
___ + ___ = ___



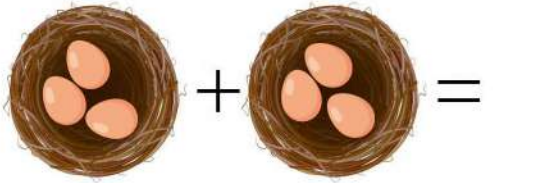
___ + ___ = ___



___ + ___ = ___



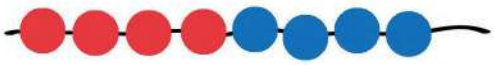
___ + ___ = ___



___ + ___ = ___

Add the red and blue beads to find the total number of beads. Write a number sentence.

___ + ___ = ___

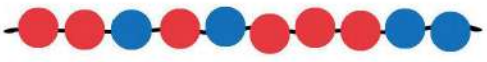


___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

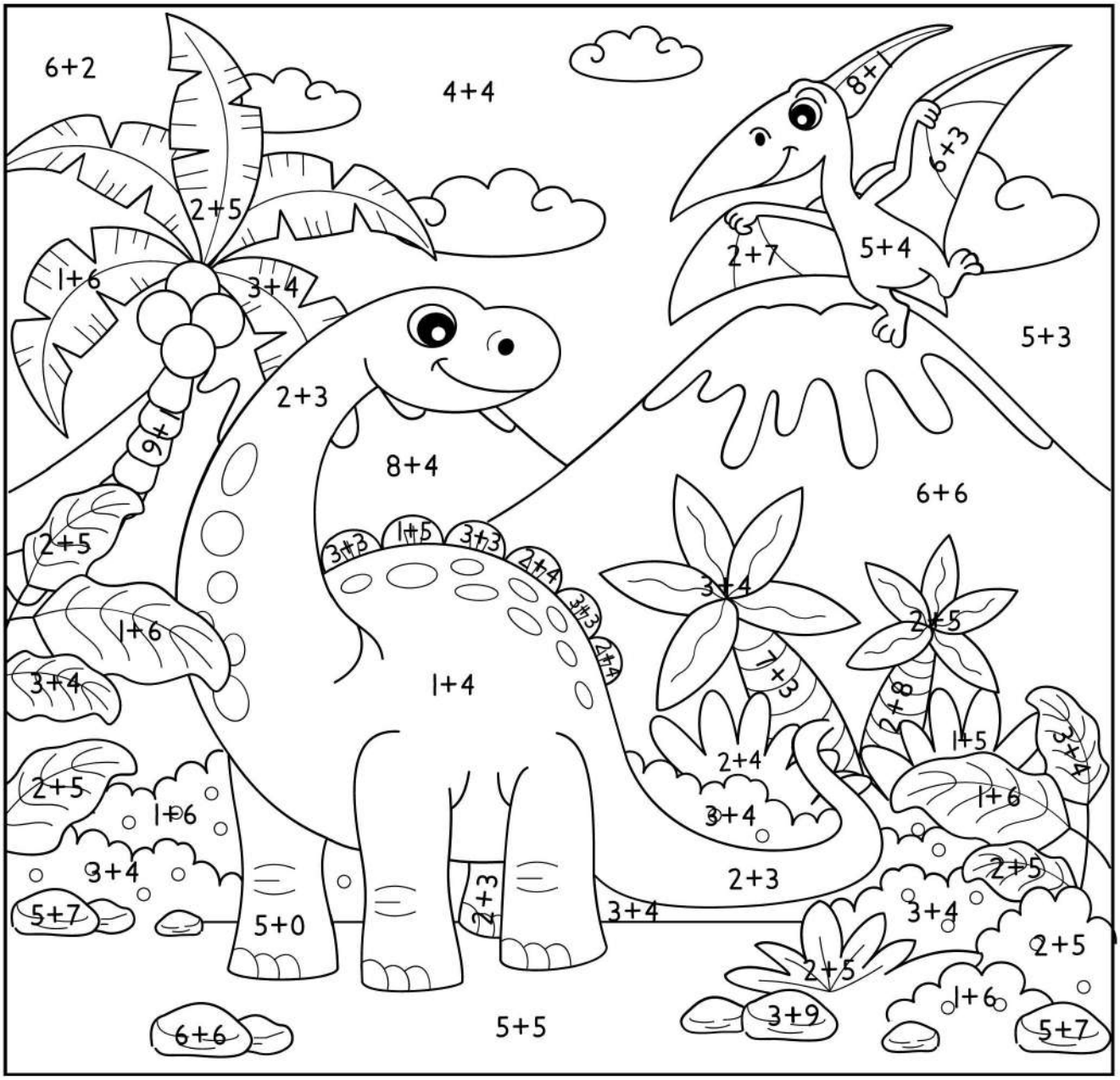
___ + ___ = ___



___ + ___ = ___

___ + ___ = ___

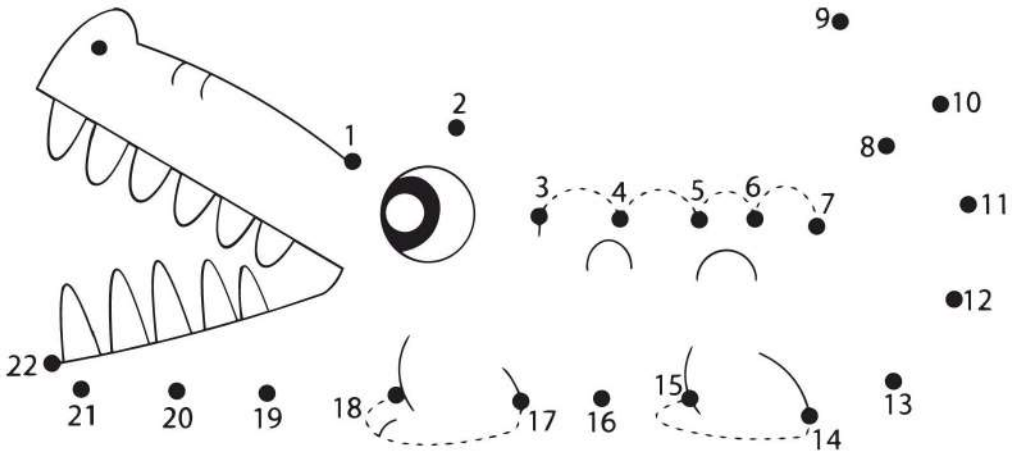
___ + ___ = ___



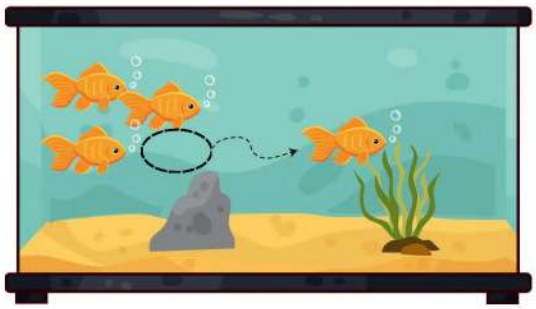
We Play MATH

Color by code.

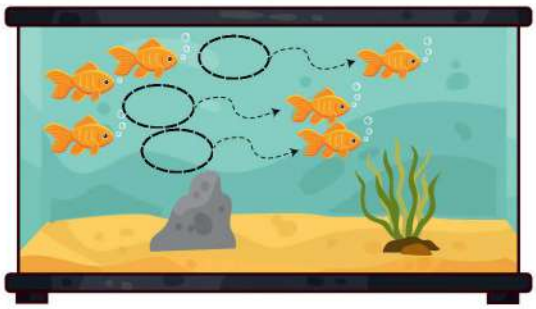
4	8
5	9
6	10
7	12



Subtract the fish who left the school. Write a number sentence.

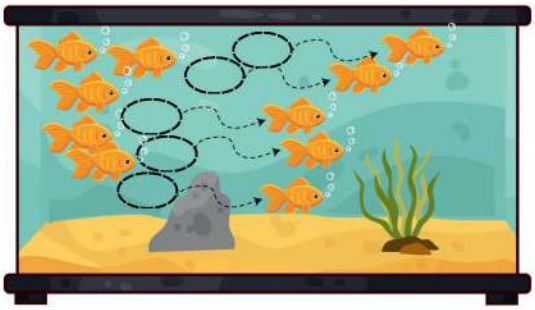


4 - 1 = 3



___ - ___ = ___

___ - ___ = ___



___ - ___ = ___

Add.

2 + 8 = ____
3 + 7 = ____
5 + 2 = ____
6 + 4 = ____
5 + 5 = ____
3 + 4 = ____
6 + 1 = ____
1 + 9 = ____
7 + 0 = ____
10 + 0 = ____

Add.

7 + 2 = ____
3 + 6 = ____
4 + 5 = ____
8 + 1 = ____
1 + 4 = ____
3 + 2 = ____
4 + 4 = ____
5 + 3 = ____
6 + 2 = ____
1 + 7 = ____

Subtract.

10 - 8 = ____
10 - 7 = ____
10 - 5 = ____
7 - 4 = ____
7 - 5 = ____
7 - 1 = ____
10 - 1 = ____
10 - 9 = ____
7 - 0 = ____
10 - 6 = ____

Color by code.

1	5
2	6
3	7
4	8

Add.

8 + 2 = ___	2 + 3 = ___	1 + 1 = ___
3 + 7 = ___	3 + 3 = ___	2 + 1 = ___
5 + 5 = ___	5 + 3 = ___	2 + 2 = ___
6 + 4 = ___	3 + 4 = ___	3 + 5 = ___
1 + 9 = ___	5 + 4 = ___	5 + 3 = ___
2 + 8 = ___	6 + 4 = ___	4 + 4 = ___

CONGRATULATIONS

(trace your hand here)

This hand does math magic!

_____

has successfully completed Level K of We Play Math!

_____
Parent/Educator

Amy Beck
_____
Amy Beck, WePlayMath