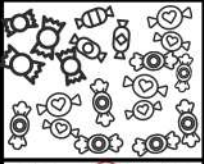

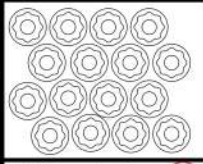


How many are in each box?

| | | |
|---|---|---|
|  |  |  |
| 19 <u>20</u> 18 | 17 20 <u>18</u> | 15 18 <u>16</u> |

Count backwards from 10 to 1.

| | | | | | | | | | |
|----|---|---|---|---|---|---|---|---|---|
| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|---|---|---|---|---|---|---|---|---|

What day of the week was yesterday? _____
 What day of the week is tomorrow? _____
 What month is it? _____
 What year is it? _____
 How many months are in one year? 12

answers vary

Fill in the missing numbers.

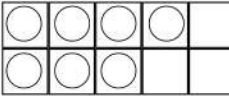
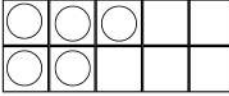
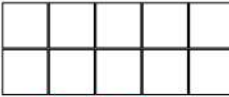
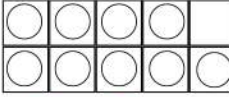
| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

1

Trace the days of the week in order below, then write each in the empty space.

Sunday _____
 Monday _____
 Tuesday _____
 Wednesday _____
 Thursday _____
 Friday _____
 Saturday _____

Find the tens partners.

| | |
|---|---|
|  <u>7</u> + <u>3</u> = 10 |  <u>5</u> + <u>5</u> = 10 |
|  <u>0</u> + <u>10</u> = 10 |  <u>9</u> + <u>1</u> = 10 |

2

Unscramble the letters to find the days of the week.

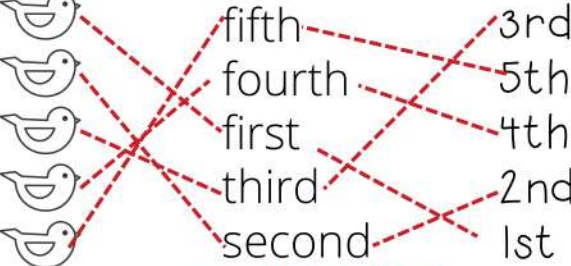
irfady Friday rduytasa Saturday
 hrtuydsa Thursday atsyedu Tuesday
 adnymo Monday ayndsu Sunday
 eendwaysd Wednesday

Fill in each blank with the correct day. Remember to capitalize days of the week!!

| Yesterday | Today | Tomorrow |
|------------------|-----------|------------------|
| <u>Monday</u> | Tuesday | <u>Wednesday</u> |
| <u>Saturday</u> | Sunday | <u>Monday</u> |
| <u>Friday</u> | Saturday | <u>Sunday</u> |
| <u>Wednesday</u> | Thursday | <u>Friday</u> |
| <u>Sunday</u> | Monday | <u>Tuesday</u> |
| <u>Thursday</u> | Friday | <u>Saturday</u> |
| <u>Tuesday</u> | Wednesday | <u>Thursday</u> |

3

Draw lines to match all columns.



first, second, third, fourth, fifth, 1st, 2nd, 3rd, 4th, 5th

answers vary

What is your birthdate? _____
 How many days are in one week? 7
 What day comes after Saturday? Sunday
 How many months are in one year? 12

Fill in the missing numbers.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 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 |

4

page 5
Answers are self explanatory

Unscramble the letters to find the months of the year:

yarnuja January ripla April
 otbeorc October ujne June
 uljy July rabruyef February
 hrcam March tsguau August
 yma May bmereespt September
 dcmerbee December mbvenoer November

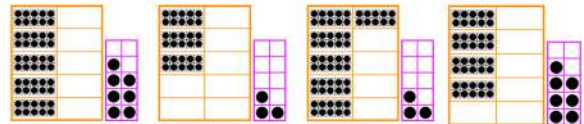
Fill in each blank with the correct month and remember to capitalize the months.

| last month | this month | next month |
|------------|------------|------------|
| June | July | August |
| January | February | March |
| November | December | January |
| August | September | October |
| April | May | June |
| December | January | February |
| May | June | July |
| July | August | September |
| February | March | April |

6

page 7
Answers will vary

What numbers do these pictures represent?



5 7 3 3 6 3 4 7



4 3 5 3 5 7 2 2 7



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.

4 cups

Use your reference calendars to answer the following questions:

If last month was July, what month is next month? September
 What day of the week is your birthday this year? Answer Varies
 What month comes after January? February
 What day of the week is the 15th of this month? Answers Vary
 What day of the week is New Year's Day this year? _____

8

May 2024

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------------------------|--------|--------------|-----------|---------------------|---------------------|----------|
| | | piano lesson | 1 | 2 Amy's Birthday | 3 Granny visits | 4 |
| 5 CINCO DE MAYO | 6 | piano lesson | 8 | 9 | 10 Granny visits | 11 |
| 12 Happy Mother's Day | 13 | piano lesson | 15 | 16 | 17 Granny visits | 18 |
| 19 | 20 | piano lesson | 22 | 23 | 24 Granny visits | 25 |
| 26 | 27 | piano lesson | 29 | 30 | 31 Granny visits | |

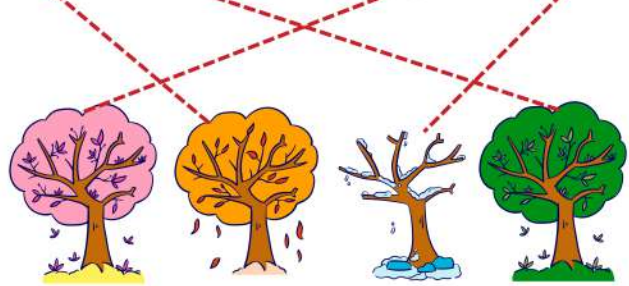
Use the calendar above to answer the following questions (month, date, year):

- How many times will Granny visit this month? 5 times
- What date is Amy's birthday? May 2nd
- What date is Cinco de Mayo? May 5th
- What day of the week is Cinco de Mayo? Sunday
- What day of each week does Granny visit? Friday
- What day does Granny usually visit? Friday
- What day are your piano lessons? Tuesday
- On what day of the week will June begin? Saturday
- What date is Mother's day? May 12th

9

Draw lines to match the trees to the seasons.

Fall Summer Spring Winter



Label each of the pictures with the correct season..

| | |
|---------------|--------------------|
| <p>Summer</p> | <p>Spring</p> |
| <p>Winter</p> | <p>Fall/Autumn</p> |

10

November 2023

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|-----------------------|--------|------------------|-----------|--------------------|---------------------|---------------------|
| | | | 1 | 2 | 3 Granny visits | 4 |
| 5 Jenny's Birthday | 6 | swimming lessons | 8 | 9 | 10 Granny visits | 11 VETERAN'S DAY |
| 12 | 13 | swimming lessons | 15 | 16 | 17 Granny visits | 18 |
| 19 | 20 | swimming lessons | 22 | 23 Thanksgiving | 24 Black Friday | 25 |
| 26 | 27 | swimming lessons | 29 | 30 | | |

Use the calendar above to answer the following questions (month, date, year):

- How many Mondays are in this month? 4 Mondays
- What date is Jenny's birthday? November 5th
- What date is Thanksgiving? November 23rd
- What day of the week is Thanksgiving? Thursday
- What day of each week is your swimming lesson? Tuesday
- What day does Granny usually visit? Friday
- How many times will Granny visit this month? 3 Times
- Why do you think Granny will miss a week? A Holiday
- What date is Veteran's day? November 11th

11

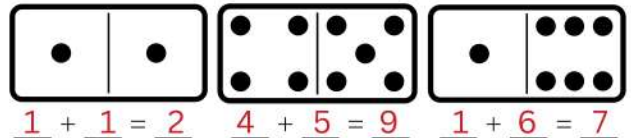
Fill in the missing numbers.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 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 |

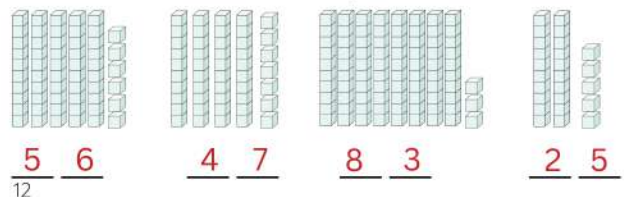
Use your reference calendars to answer the following questions:

- If yesterday was Sunday, what day is tomorrow? Tuesday
- What day comes after Tuesday? Wednesday
- What month comes after February? March
- What day of the week is the first day of next month? Answers vary

Add the numbers on each side of the dominoes and write the total.

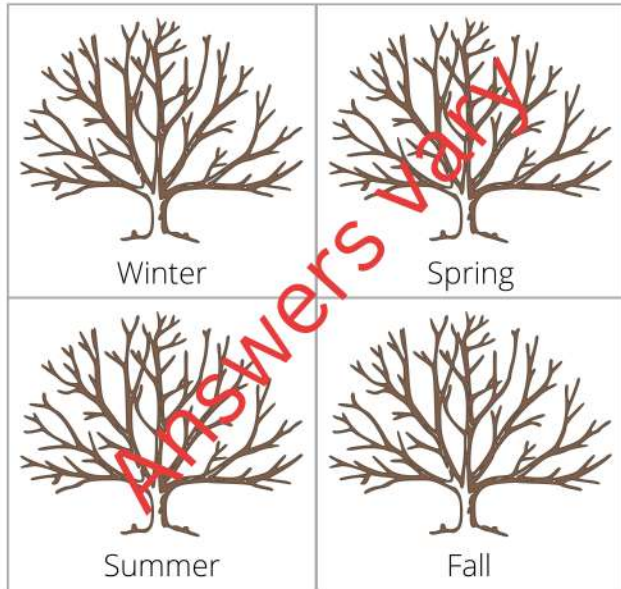


What numbers do these base ten blocks represent?

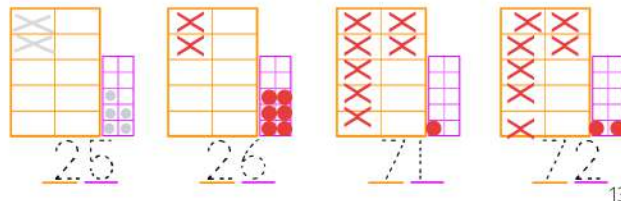


12

Grab your crayons and make these trees represent each season.

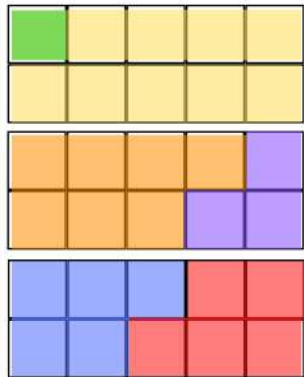
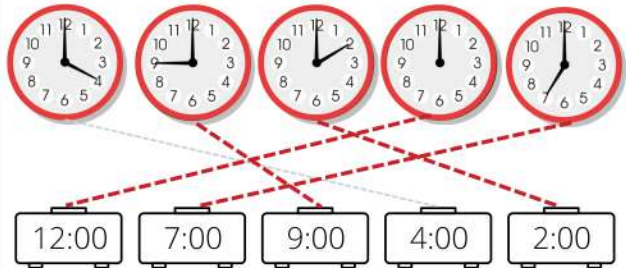


Each X represents 10 dots. Draw X's and dots in the frames to make the numbers below them. Trace the numbers and name them aloud.



Page 14

Draw lines to match the analog and digital clocks.



Color 1 square green and the rest yellow.

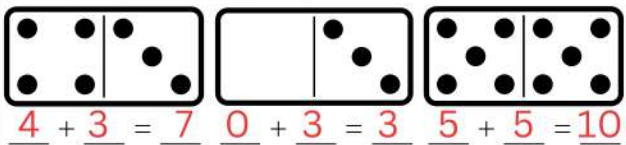
$$\underline{1} + \underline{9} = 10$$

Color 7 squares orange and the rest purple.

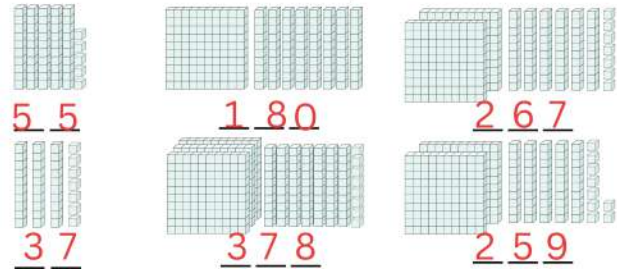
$$\underline{7} + \underline{3} = 10$$

Color 5 squares blue and the rest red.

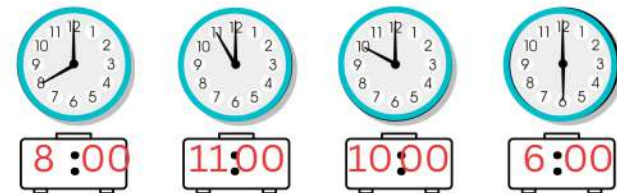
$$\underline{5} + \underline{5} = 10$$



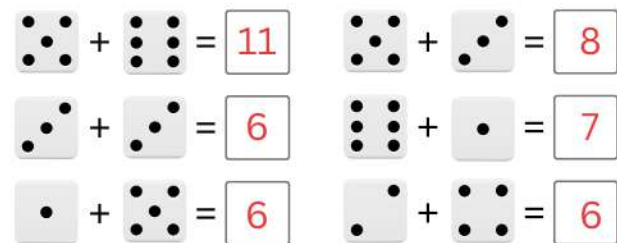
What numbers do these base ten blocks represent?



Write the correct time on the digital clock under the analog clock.



Add the dice and write the total in the box.



3 4 5 2 4 4 5 5

Write the correct time on the digital clock under the analog clock.

12:00 4:00 9:00 1:00

Write number sentences for these apples.

1 + 1 = 2 1 + 4 = 5 3 + 6 = 9 0 + 5 = 5

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

17

Show 5 o'clock on both clocks. Show 1 o'clock on both clocks.

5:00 1:00

Subtract the dots on the dice to find the total.

5 - 3 = 2 4 - 2 = 2

5 - 2 = 3 3 - 1 = 2

5 - 1 = 5 5 - 2 = 3

4 - 1 = 3 4 - 4 = 0

Adding Ten Frames

5 + 6 = 11

8 + 5 = 13

7 + 3 = 10

18

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.

3 3 6 3 5 7 4 7

NUMBER MAZE 1 - 50

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

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 29 | 30 | 31 | 32 | 33 | 40 | 41 | 46 |
| 28 | 27 | 26 | 25 | 8 | 7 | 6 | 47 |
| 21 | 22 | 23 | 24 | 9 | 10 | 5 | 48 |
| 20 | 17 | 16 | 13 | 12 | 11 | 4 | 49 |
| 19 | 18 | 15 | 4 | 1 | 2 | 3 | 50 |

19

Greater than, less than or equal to? Read the sentence aloud.

> =

How many cups of water is this? How many quarts is it? Draw the water in the jars.

1 cup 1 cup 1 cup 1 cup 1 quart

4 cups

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

























6 + 6 = 12 1 + 1 = 2 1 + 5 = 6

5 + 5 = 10 0 + 4 = 4 3 + 5 = 8

2 + 3 = 5 5 + 6 = 11 1 + 2 = 3







20

Write the time of each analog clock on the digital clock. Circle the car who arrived first.

| | |
|--|--|
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |

21

What time is shown on these clocks? Write your answers below.

















| | | |
|--|---|---|
|  |  |  |
|  |  |  |

Complete these fact families.

| | | |
|--|--|--|
| <p>6</p> <p>2 4</p> $2 + 4 = 6$ $4 + 2 = 6$ $6 - 2 = 4$ $6 - 4 = 2$ | <p>7</p> <p>2 5</p> $2 + 5 = 7$ $5 + 2 = 7$ $7 - 2 = 5$ $7 - 5 = 2$ | <p>5</p> <p>2 3</p> $2 + 3 = 5$ $3 + 2 = 5$ $5 - 2 = 3$ $5 - 3 = 2$ |
| <p>6</p> <p>3 3</p> $3 + 3 = 6$ $3 + 3 = 6$ $6 - 3 = 3$ $6 - 3 = 3$ | <p>7</p> <p>4 3</p> $4 + 3 = 7$ $3 + 4 = 7$ $7 - 3 = 4$ $7 - 4 = 3$ | <p>9</p> <p>5 4</p> $4 + 5 = 9$ $5 + 4 = 9$ $9 - 5 = 4$ $9 - 4 = 5$ |

22

Add or Subtract the dots on the dice to find the total.

| | |
|---|--|
|  +  = 6 |  -  = 3 |
|  +  = 7 |  -  = 7 |
|  +  = 12 |  -  = 7 |
|  +  = 4 |  -  = 8 |

| | | | | |
|---|--|---|--|---|
| $\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ | $\begin{array}{r} 9 \\ +2 \\ \hline 11 \end{array}$ | $\begin{array}{r} 1 \\ +5 \\ \hline 6 \end{array}$ | $\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$ |
|---|--|---|--|---|

Draw hands on the clock below to show 5:25.









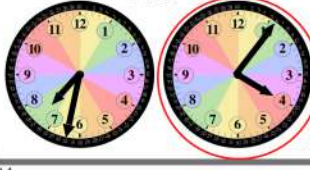
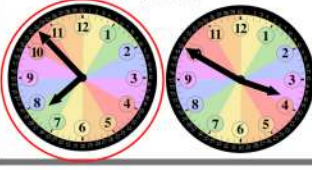
Draw hands on the clock below to show 3:40.



23

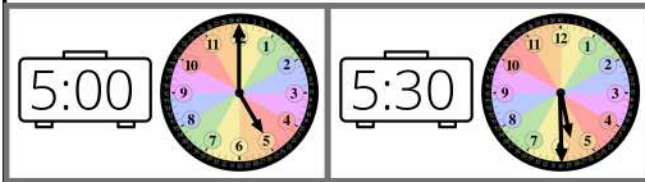
Which time is it?

Circle the clock that matches the time in each box.

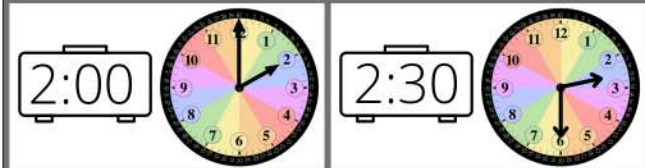
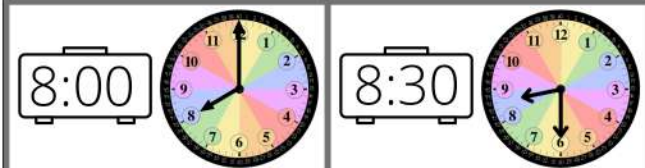
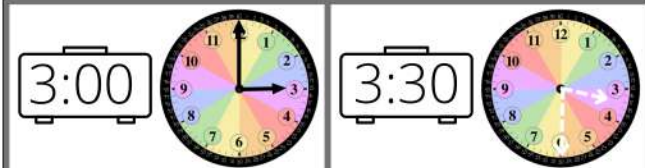
| | |
|--|---|
| <p>9:30</p>  | <p>3:10</p>  |
| <p>1:16</p>  | <p>5:28</p>  |
| <p>9:34</p>  | <p>2:12</p>  |
| <p>4:06</p>  | <p>7:53</p>  |

24

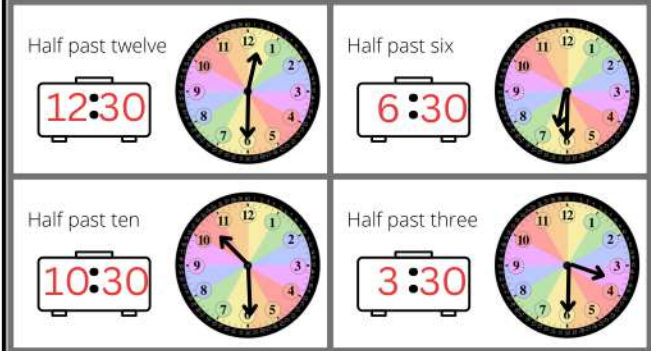
Look how BOTH hands move to **half past an hour**. The MINUTE hand measures minutes and moves 30 minutes (half of the hour) while the HOUR hand moves half of the way across it's **home**, which represents an hour.



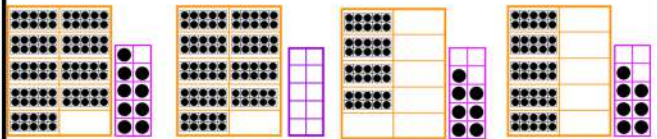
The clocks in the first column show times to the hour. Draw hands on the clocks in the second column to make them match **half past** that time.



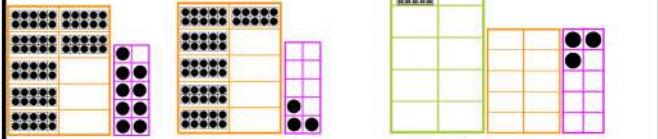
Let's practice time nicknames! Write the time on the digital clock and draw the clock hands to match.



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

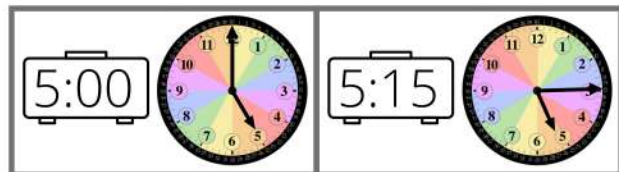


9 9 9 0 4 7 5 7

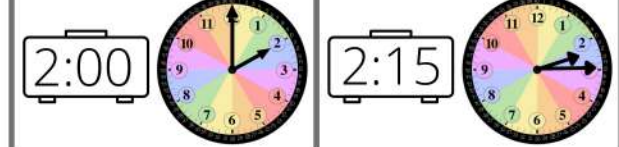
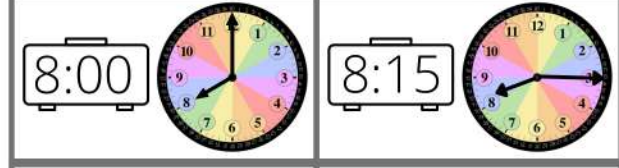
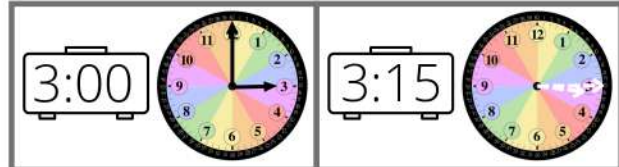


7 9 6 3 1 0 3

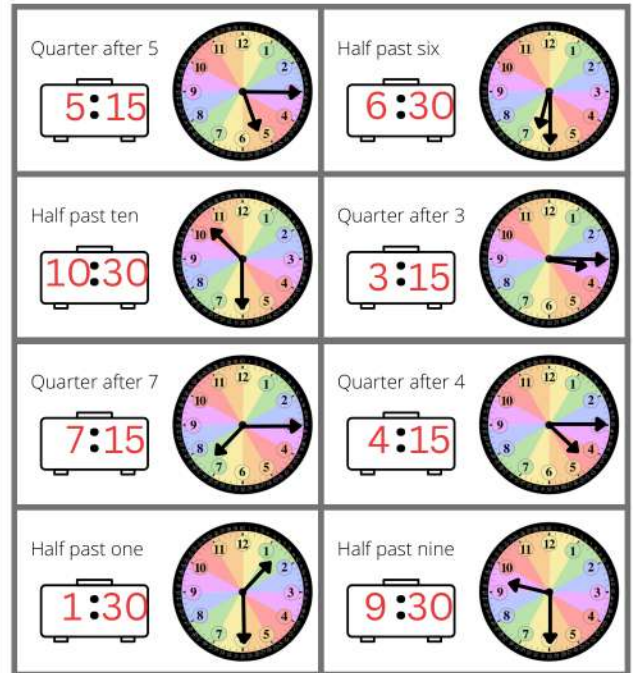
Look how BOTH hands move to **quarter after**. The MINUTE hand measures minutes and moves 15 minutes (one quarter of an hour) while the HOUR hand moves a quarter of the way across it's home, which represents an hour.



The clocks in the first column show times to the hour. Draw hands on the clocks in the second column to make them match a **quarter after** that time.



Write the time on the digital clock and draw the clock hands to match.



Color 8 squares green. Color the rest red. How many are red? 2

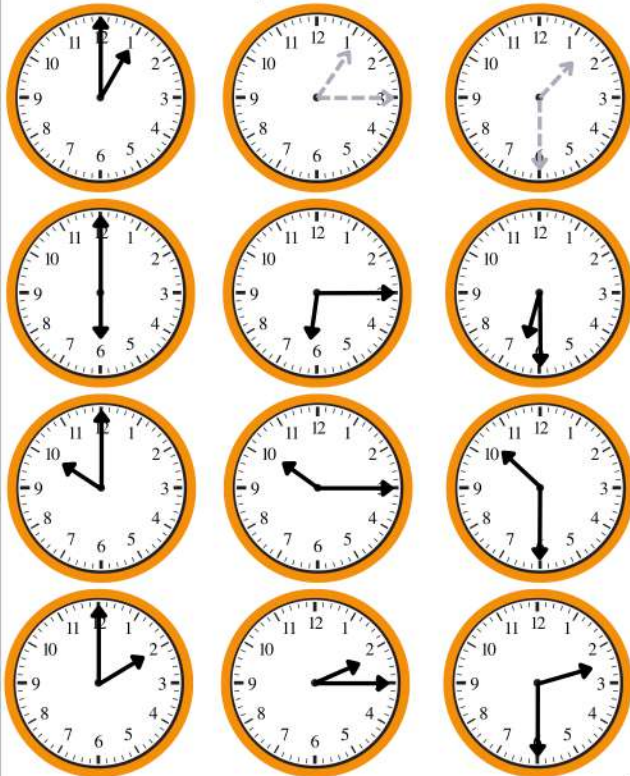


The clocks in the first column show the current time. Draw hands on the clocks in the second column to show the time in 15 minutes. Draw hands on the clock in the third column to show the time in 30 minutes. Remember how the HOUR hand moves along with the MINUTE hand.

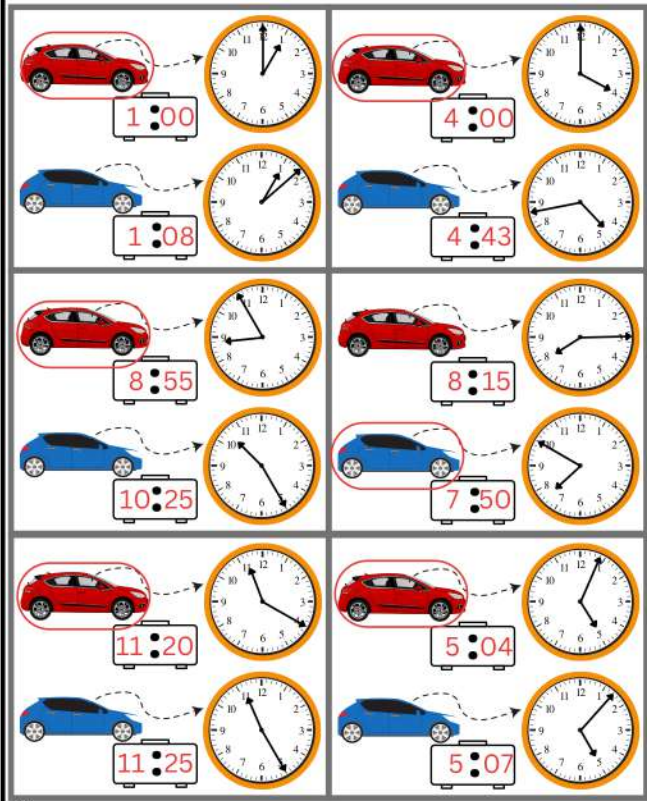
Current Time

Quarter After

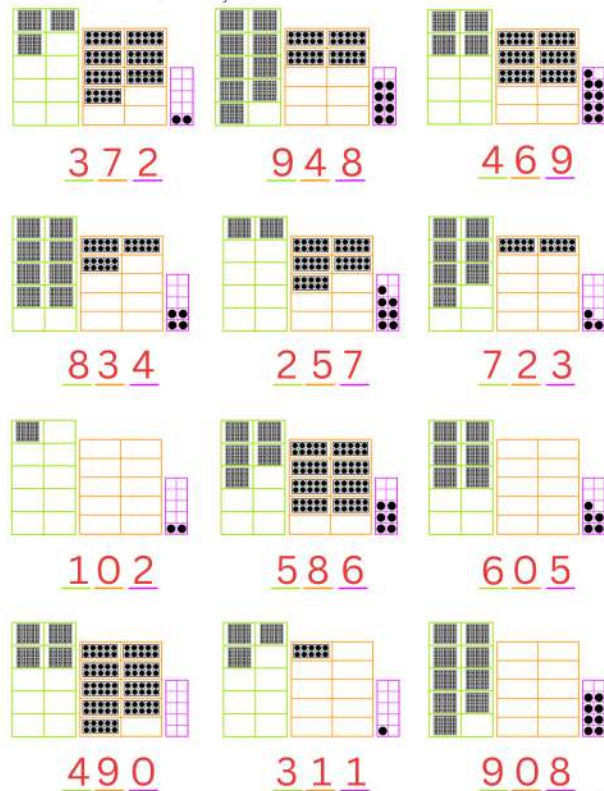
Half Past



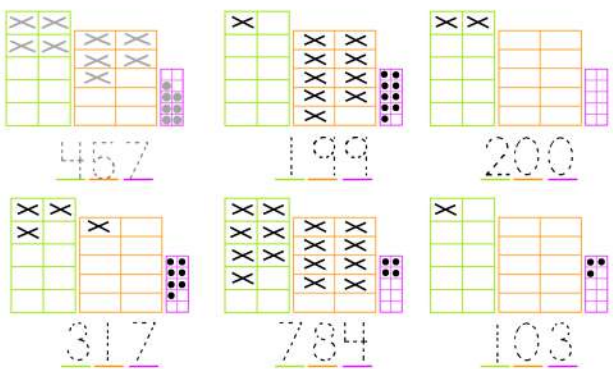
Write the time of each analog clock on the digital clock. Circle the car which arrived first.



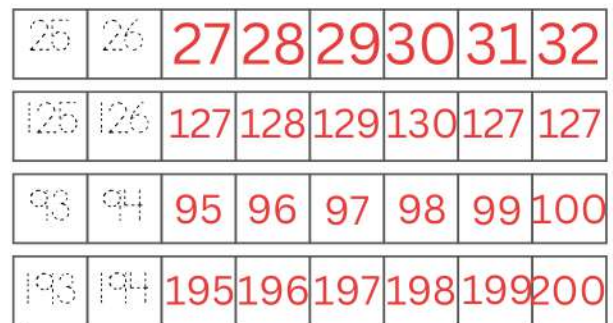
Write each number, then say it out loud.



Build each number in the ten frames above, using x's to represent 100 and/or 10. Say each number out loud.



What numbers come next in each row?



Fill in each blank with the correct day of the week and remember to capitalize them.

| | | |
|-----------|----------|-----------|
| yesterday | today | tomorrow |
| Sunday | Monday | Tuesday |
| Wednesday | Thursday | Friday |
| Thursday | Friday | Saturday |
| Saturday | Sunday | Monday |
| Monday | Tuesday | Wednesday |

Fill in the missing months of the year. Remember to capitalize them.

January, February, March, April, May,
June, July, August, September,
 October, November, December.

Write number sentences for these apples.

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

Counting by 2's Maze

Start with your pencil on 2, count by 2's, and don't lift your pencil until you reach 64.

I can count by 2

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 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 |

What time is shown on these clocks? Write your answers below.

9:07 **9:27** **9:57**

NUMBER MAZE 80 - 135

Start at the number 80 and find your way to number 135 without removing your pencil from the paper.

Fill in each blank with the correct month and remember to capitalize the months.

| | | |
|------------|------------|------------|
| last month | this month | next month |
| July | August | September |
| December | January | February |
| November | December | January |
| January | February | March |
| April | May | June |

Fill in the missing days of the week. Remember to capitalize them.

Sunday, Monday, Tuesday, Wednesday,
 Thursday, Friday, Saturday.



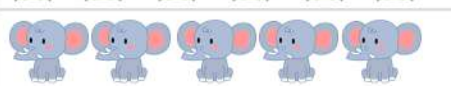




$9 \ 3 \ 1$ $9 \ 3 \ 2$ $9 \ 3 \ 3$
 $5 \ 3 \ 5$ $5 \ 4 \ 5$ $5 \ 5 \ 5$

How many Saturdays are there in August this year? Answers may vary
 What date is your half birthday (exactly six months from your birthday)?
Answers may vary
 What day of the week is the last day of this month? Answers may vary

I can count by 5

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |

Draw a tally mark for each animal, then write the number.

| | Tally Marks | Number |
|---|-------------|--------|
|  | I | 11 |
|  | II | 12 |
|  | | 5 |
|  | | 10 |
|  | | 3 |
|  | III | 8 |
|  | I | 6 |
|  | | 10 |
|  | II | 7 |

Count by 2's to fill in the missing numbers. Trace the dotted numbers.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |

If you need to, use your reference calendars to answer:

Write your birthdate using all numbers. Answers may vary

What season are we in? Answers may vary

Which month comes before January? Answers may vary

What month comes after June? Answers may vary

What is the 8th month of the year? Answers may vary

| | | | | | |
|----|----|----|----|----|----|
| 5 | 3 | 8 | 1 | 4 | 10 |
| +5 | +7 | +2 | +9 | +6 | +0 |
| 10 | 10 | 10 | 10 | 10 | 10 |
| 6 | 2 | 9 | 7 | 0 | 5 |
| +4 | +8 | +1 | +3 | +0 | +5 |
| 10 | 10 | 10 | 10 | 0 | 10 |

Show 3 o'clock on these clocks.



Show three thirty on these clocks.



I can count by 10

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |

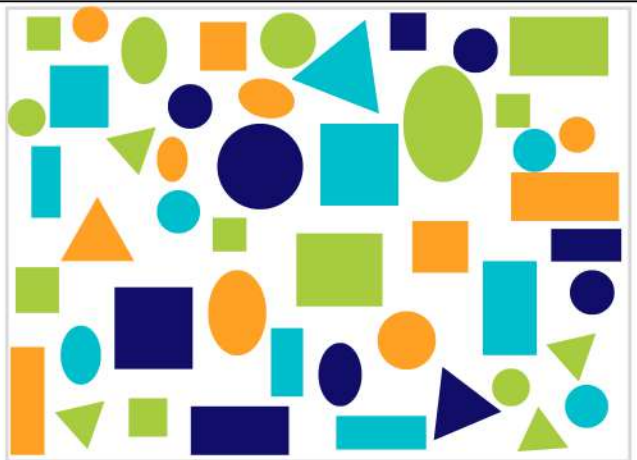
A fun way to "draw" authentic, detailed coins is to place the coin under the paper, then use the edge of the pencil to lightly rub over the surface of the coin through the paper, creating a coin rubbing. Use a brown colored pencil for pennies and grey for nickels and dimes.

Draw pennies to equal ten cents.

Draw nickels to equal ten cents.

Draw dimes to equal ten cents.

Write on each coin to count by 1's, 5's and 10's, then write the total.



Make a tally mark for each shape, then write the number.

| Shape | Tally Marks | Number |
|-----------|-------------|--------|
| circle | | 13 |
| triangle | | 7 |
| rectangle | | 10 |
| square | | 10 |
| oval | | 7 |

Addition & Subtraction Terminology

Addition

plus equal

3 + 7 = 10

addend sum

Subtraction

minus equal

10 - 3 = 7

minuend subtrahend difference

Fill in the missing addends to write number sentences.

Color 5 squares green and the rest red.

5 + 5 = 10

addends sum

Color 8 squares green and the rest red.

8 + 2 = 10

addends sum

Color 0 squares green and the rest red.

0 + 10 = 10

addends sum

Color 2 squares green and the rest red.

2 + 8 = 10

part 2

+ part +2

whole 4

part 3

+ part +4

whole 7

Find the sum. **sum**

Find the sum.

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| 4 | 3 | 2 | 2 | 6 | 4 |
| +2 | +1 | +3 | +5 | +1 | +3 |
| 6 | 4 | 5 | 7 | 7 | 7 |
| 2 | 5 | 0 | 2 | 1 | 3 |
| +6 | +3 | +9 | +7 | +8 | +6 |
| 8 | 8 | 9 | 9 | 9 | 9 |







What are the missing addends?

| | | | | | |
|------------|----------|------------|------------|----------|----------|
| 2 | 1 | 2 | 3 | 5 | 4 |
| + 2 | + 2 | + 6 | + 5 | + 3 | + 4 |
| 4 | 3 | 8 | 8 | 8 | 8 |
| 3 | 4 | 1 | 4 | 4 | 5 |
| + 4 | + 3 | + 4 | + 1 | + 5 | + 4 |
| 7 | 7 | 5 | 5 | 9 | 9 |

What's Missing?

| | | |
|----------------------------------|----------------------------------|----------------------------------|
| whole 5 part 4 | whole 2 part 1 1 | whole 3 part 1 2 |
| whole 5 part 2 3 | whole 8 part 5 3 | whole 9 part 4 5 |
| whole 4 part 1 3 | whole 8 part 6 2 | whole 7 part 4 3 |
| whole 9 part 2 7 | whole 7 part 2 5 | whole 6 part 4 2 |

45

| | | | | | |
|-------------------------|--|---|-------------------------|---|---|
| whole - part part |    | $\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$ | whole - part part |    | $\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$ |
|-------------------------|--|---|-------------------------|---|---|

Find the difference.

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$ | $\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$ | $\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$ | $\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$ | $\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$ | $\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$ |
| $\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$ | $\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$ | $\begin{array}{r} 9 \\ - 0 \\ \hline 9 \end{array}$ | $\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$ | $\begin{array}{r} 8 \\ - 8 \\ \hline 0 \end{array}$ | $\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$ |

What is missing?

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 5 \\ - \boxed{2} \\ \hline 3 \end{array}$ | $\begin{array}{r} \boxed{5} \\ - 2 \\ \hline 3 \end{array}$ | $\begin{array}{r} 6 \\ - \boxed{2} \\ \hline 4 \end{array}$ | $\begin{array}{r} \boxed{6} \\ - 4 \\ \hline 2 \end{array}$ | $\begin{array}{r} \boxed{8} \\ - 3 \\ \hline 5 \end{array}$ | $\begin{array}{r} \boxed{8} \\ - 5 \\ \hline 3 \end{array}$ |
| $\begin{array}{r} \boxed{7} \\ - 4 \\ \hline 3 \end{array}$ | $\begin{array}{r} \boxed{7} \\ - 3 \\ \hline 4 \end{array}$ | $\begin{array}{r} 9 \\ - \boxed{1} \\ \hline 8 \end{array}$ | $\begin{array}{r} 9 \\ - \boxed{8} \\ \hline 1 \end{array}$ | $\begin{array}{r} \boxed{9} \\ - 5 \\ \hline 4 \end{array}$ | $\begin{array}{r} \boxed{9} \\ - 4 \\ \hline 5 \end{array}$ |

46

Fact Families

part + part = whole
whole - part = part

| | | |
|---|---|---|
| <p>7 whole</p> <p>3 part part 4</p> $\begin{array}{l} 3 + 4 = 7 \\ 4 + 3 = 7 \\ 7 - 4 = 3 \\ 7 - 3 = 4 \end{array}$ | <p>9 whole</p> <p>6 part part 3</p> $\begin{array}{l} 6 + 3 = 9 \\ 3 + 6 = 9 \\ 9 - 3 = 6 \\ 9 - 6 = 3 \end{array}$ | <p>9 whole</p> <p>4 part part 5</p> $\begin{array}{l} 4 + 5 = 9 \\ 5 + 4 = 9 \\ 9 - 4 = 5 \\ 9 - 5 = 4 \end{array}$ |
| <p>10 whole</p> <p>9 part part 1</p> $\begin{array}{l} 9 + 1 = 10 \\ 1 + 9 = 10 \\ 10 - 9 = 1 \\ 10 - 1 = 9 \end{array}$ | <p>10 whole</p> <p>2 part part 8</p> $\begin{array}{l} 8 + 2 = 10 \\ 2 + 8 = 10 \\ 10 - 8 = 2 \\ 10 - 2 = 8 \end{array}$ | <p>4 whole</p> <p>3 part part 1</p> $\begin{array}{l} 3 + 1 = 4 \\ 1 + 3 = 4 \\ 4 - 3 = 1 \\ 4 - 1 = 3 \end{array}$ |
| <p>10 whole</p> <p>4 part part 6</p> $\begin{array}{l} 6 + 4 = 10 \\ 4 + 6 = 10 \\ 10 - 6 = 4 \\ 10 - 4 = 6 \end{array}$ | <p>10 whole</p> <p>5 part part 5</p> $\begin{array}{l} 5 + 5 = 10 \\ 5 + 5 = 10 \\ 10 - 5 = 5 \\ 10 - 5 = 5 \end{array}$ | <p>10 whole</p> <p>3 part part 7</p> $\begin{array}{l} 3 + 7 = 10 \\ 7 + 3 = 10 \\ 10 - 7 = 3 \\ 10 - 3 = 7 \end{array}$ |

47

part + part = whole
whole - part = part



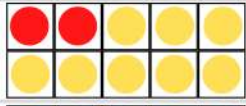

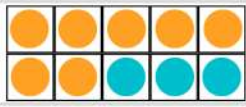
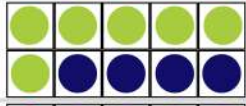

| | | |
|--|--|--|
| <p>3 whole</p> <p>2 part part 1</p> $\begin{array}{l} 1 + 2 = 3 \\ 2 + 1 = 3 \\ 3 - 2 = 1 \\ 3 - 1 = 2 \end{array}$ | <p>5 whole</p> <p>2 part part 3</p> $\begin{array}{l} 2 + 3 = 5 \\ 3 + 2 = 5 \\ 5 - 2 = 3 \\ 5 - 3 = 2 \end{array}$ | <p>6 whole</p> <p>3 part part 3</p> $\begin{array}{l} 3 + 3 = 6 \\ 3 + 3 = 6 \\ 6 - 3 = 3 \\ 6 - 3 = 3 \end{array}$ |
| <p>6 whole</p> <p>4 part part 2</p> $\begin{array}{l} 4 + 2 = 6 \\ 2 + 4 = 6 \\ 6 - 4 = 2 \\ 6 - 2 = 4 \end{array}$ | <p>7 whole</p> <p>2 part part 5</p> $\begin{array}{l} 2 + 5 = 7 \\ 5 + 2 = 7 \\ 7 - 5 = 2 \\ 7 - 2 = 5 \end{array}$ | <p>8 whole</p> <p>3 part part 5</p> $\begin{array}{l} 3 + 5 = 8 \\ 5 + 3 = 8 \\ 8 - 5 = 3 \\ 8 - 3 = 5 \end{array}$ |
| <p>8 whole</p> <p>2 part part 6</p> $\begin{array}{l} 6 + 2 = 8 \\ 2 + 6 = 8 \\ 8 - 2 = 6 \\ 8 - 6 = 2 \end{array}$ | <p>9 whole</p> <p>2 part part 7</p> $\begin{array}{l} 7 + 2 = 9 \\ 2 + 7 = 9 \\ 9 - 2 = 7 \\ 9 - 7 = 2 \end{array}$ | <p>8 whole</p> <p>4 part part 4</p> $\begin{array}{l} 4 + 4 = 8 \\ 4 + 4 = 8 \\ 8 - 4 = 4 \\ 8 - 4 = 4 \end{array}$ |


48

Find the missing numbers.

| | | |
|--|--|--|
| <p>8 whole?</p> <p>3 part part 5</p> $3 + 5 = \underline{8}$ $5 + 3 = \underline{8}$ $\underline{8} - 3 = 5$ $\underline{8} - 5 = 3$ | <p>5 whole</p> <p>2 part part 3</p> $2 + \underline{3} = 5$ $\underline{3} + 2 = 5$ $5 - 2 = \underline{3}$ $5 - \underline{3} = 2$ | <p>9 whole</p> <p>2 part? part 7</p> $7 + \underline{2} = 9$ $\underline{2} + 7 = 9$ $9 - 7 = \underline{2}$ $9 - \underline{2} = 7$ |
| <p>4 whole?</p> <p>1 part part 3</p> $1 + 3 = \underline{4}$ $3 + 1 = \underline{4}$ $\underline{4} - 1 = 3$ $\underline{4} - 3 = 1$ | <p>7 whole</p> <p>2 part part 5</p> $2 + \underline{5} = 7$ $\underline{5} + 2 = 7$ $7 - 2 = \underline{5}$ $7 - \underline{5} = 2$ | <p>7 whole</p> <p>3 part? part 4</p> $4 + \underline{3} = 7$ $\underline{3} + 4 = 7$ $7 - 4 = \underline{3}$ $7 - \underline{3} = 4$ |
| <p>9 whole</p> <p>4 part? part 5</p> $5 + \underline{4} = 9$ $\underline{4} + 5 = 9$ $9 - 5 = \underline{4}$ $9 - \underline{4} = 5$ | <p>6 whole?</p> <p>2 part part 4</p> $2 + 4 = \underline{6}$ $4 + 2 = \underline{6}$ $\underline{6} - 2 = 4$ $\underline{6} - 4 = 2$ | <p>8 whole</p> <p>4 part part 12</p> $4 + \underline{12} = 8$ $\underline{12} + 4 = 8$ $8 - 4 = \underline{12}$ $8 - \underline{12} = 4$ |

Fill in the missing parts and write number sentences to match each problem. (the order of addends doesn't matter)

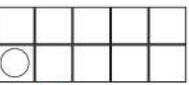
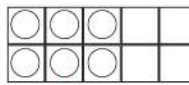
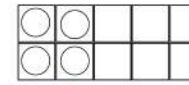

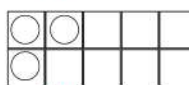
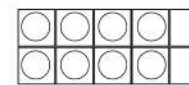
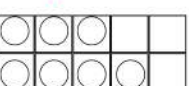
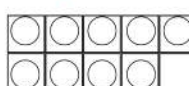
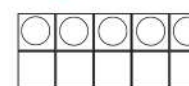
| | |
|---|---|
|  | <p>Plus</p> $7 + 3 = 10$ |
|  | <p>Equal</p> $4 + 6 = 10$ |
|  | <p>Sum</p> $2 + 8 = 10$ |
|  | $5 + 5 = 10$ |
| <p>(the order of subtrahend and difference doesn't matter)</p> | |
|  | <p>Minus</p> $10 - 7 = 3$ |
|  | <p>Minuend Subtrahend Difference</p> $10 - 6 = 4$ |
|  | $10 - 9 = 1$ |



Tens Partners

How many ways can you make ten?




| | |
|---------------|--------------|
| 0 1 2 3 4 5 | 5 6 7 8 9 10 |
| $0 + 10 = 10$ | $3 + 7 = 10$ |
| $1 + 9 = 10$ | $4 + 6 = 10$ |
| $2 + 8 = 10$ | $5 + 5 = 10$ |
| $6 + 4 = 10$ | $7 + 3 = 10$ |
| $8 + 2 = 10$ | |

| | | |
|--|--|--|
|  need 9 more to make ten |  I need 4 more to make ten |  I need 6 more to make ten |
|  need 8 more to make ten |  I need 7 more to make ten |  I need 2 more to make ten |
|  need 3 more to make ten |  I need 1 more to make ten |  I need 5 more to make ten |

Find the tens partners

| | | | |
|------------------------|------------------------|------------------------|-------------------------|
| Whole: 10 Part: 1 9 | Whole: 10 Part: 9 1 | Whole: 10 Part: 3 7 | Whole: 10 Part: 10 0 |
| Whole: 10 Part: 2 8 | Whole: 10 Part: 5 5 | Whole: 10 Part: 6 4 | Whole: 10 Part: 0 10 |
| Whole: 10 Part: 7 3 | Whole: 10 Part: 4 6 | Whole: 10 Part: 8 2 | Whole: 10 Part: 1 9 |

What time is shown on these clocks? Write your answers below.

| | | |
|--|---|---|
|  $9:54$ |  $3:00$ |  $2:24$ |
|--|---|---|

| | | |
|-------------------|-------------------|------------------|
| $7 + 3 = 10$ | $5 + 5 = 10$ | $3 + 7 = 10$ |
| $1 + 9 = 10$ | $2 + 8 = 10$ | $8 + 2 = 10$ |
| $10 + 0 = 10$ | $4 + 6 = 10$ | $6 + 4 = 10$ |
| $9 + 1 = 10$ | $0 + 10 = 10$ | $1 + 9 = 10$ |
| $7 + 3 = 10$ | $3 + 7 = 10$ | $5 + 5 = 10$ |

What are you? To find the answer:

Write an L in the fifth square.
Write an i in the sixth square.
Write an i in the third square.
Write a B in the first square.

Write an R in the second square.
Write an T in the ninth square.
Write an A in the seventh square.
Write an N in the eighth square.
Write an L in the fourth square.

B R I L L I A N T

Count on by adding zero, one and two.

| | | |
|-------------------|-------------------|-------------------|
| $15 + 0 = 15$ | $15 + 1 = 16$ | $15 + 2 = 17$ |
| $27 + 0 = 27$ | $27 + 1 = 28$ | $27 + 2 = 29$ |
| $33 + 0 = 33$ | $33 + 1 = 34$ | $33 + 2 = 35$ |

| | | |
|---------------|---------------|---------------|
| $11 + 0 = 11$ | $11 + 1 = 12$ | $11 + 2 = 13$ |
| $13 + 0 = 13$ | $13 + 1 = 14$ | $13 + 2 = 15$ |
| $8 + 0 = 8$ | $8 + 1 = 9$ | $8 + 2 = 10$ |
| $18 + 0 = 18$ | $18 + 1 = 19$ | $18 + 2 = 20$ |
| $22 + 0 = 22$ | $22 + 1 = 23$ | $22 + 2 = 24$ |
| $32 + 0 = 32$ | $32 + 1 = 33$ | $32 + 2 = 34$ |
| $14 + 0 = 14$ | $14 + 1 = 15$ | $14 + 2 = 16$ |
| $17 + 0 = 17$ | $17 + 1 = 18$ | $17 + 2 = 19$ |

What time is shown on these clocks? Write your answers below.

| | | |
|------------------|-----------------|-----------------|
| 10:48 | 2:02 | 5:31 |
|------------------|-----------------|-----------------|

Fill in the missing days of the week. Remember to capitalize them.

sunday, **monday**, Tuesday, Wednesday,
Thursday, **friday**, **saturday**.

| | | |
|----------------|----------------|----------------|
| 535 | 723 | 490 |
| 931 | 311 | 102 |

Fill in the missing numbers of these pieces of the hundreds chart.

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 13 | 14 | 15 | 16 | |
| 23 | 24 | 25 | 26 | |
| 56 | 57 | 58 | 59 | 60 |
| 66 | 67 | 68 | 69 | 70 |
| 76 | 77 | 78 | 79 | 80 |

Use your reference calendars to answer the following questions:

- What month will it be six months from now? _____
- Which month comes before May? _____
- What month comes after January? _____
- What is the 5th month of the year? _____

| | | | | | |
|--|--|---|--|--|--|
| $\begin{array}{r} 5 \\ +1 \\ \hline 6 \end{array}$ | $\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$ | $\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$ | $\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$ | $\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array}$ | $\begin{array}{r} 10 \\ +1 \\ \hline 11 \end{array}$ |
| $\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$ | $\begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array}$ | $\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$ | $\begin{array}{r} 0 \\ +0 \\ \hline 0 \end{array}$ | $\begin{array}{r} 0 \\ +1 \\ \hline 1 \end{array}$ | $\begin{array}{r} 0 \\ +2 \\ \hline 2 \end{array}$ |

Show half past one on these clocks.

1:30

Show quarter past one on these clocks.

1:15

Doubles plus one.

$1+1=2$ so $1+1+1=3$ so $1+2=3$
 $2+2=4$ so $2+2+1=5$ so $2+3=5$
 $3+3=6$ so $3+3+1=7$ so $3+4=7$
 $4+4=8$ so $4+4+1=9$ so $4+5=9$
 $5+5=10$ so $5+5+1=11$ so $5+6=11$
 $6+6=12$ so $6+6+1=13$ so $6+7=13$
 $7+7=14$ so $7+7+1=15$ so $7+8=15$
 $8+8=16$ so $8+8+1=17$ so $8+9=17$
 $9+9=18$ so $9+9+1=19$ so $9+10=19$
 $10+10=20$ so $10+10+1=21$ so $10+11=21$
 $11+11=22$ so $11+11+1=23$ so $11+12=23$
 $12+12=24$ so $12+12+1=25$ so $12+13=25$

Count by fives to find the total value of these nickels, each worth 5 cents.



Count by tens to find the total value of these dimes, each worth 10 cents.



Doubles Plus One

| | | |
|------------|------------|------------|
| $1+1=2$ | $2+2=4$ | $3+3=6$ |
| $1+2=3$ | $2+3=5$ | $3+4=7$ |
| $4+4=8$ | $5+5=10$ | $6+6=12$ |
| $4+5=9$ | $5+6=11$ | $6+7=13$ |
| $7+7=14$ | $8+8=16$ | $9+9=18$ |
| $7+8=15$ | $8+9=17$ | $9+10=19$ |
| $10+10=20$ | $11+11=22$ | $12+12=24$ |
| $10+11=21$ | $11+12=23$ | $12+13=25$ |

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 11 \\ +11 \\ \hline 22 \end{array}$ | $\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$ | $\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$ | $\begin{array}{r} 12 \\ +12 \\ \hline 24 \end{array}$ | $\begin{array}{r} 8 \\ +8 \\ \hline 16 \end{array}$ | $\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$ |
| $\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$ | $\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$ | $\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$ | $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$ | $\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$ |

Find the missing numbers.

| | | | |
|--|--|--|--|
| <p>7 whole</p> <p>3 part part 4</p> $3+4=7$ $4+3=7$ $7-3=4$ $7-4=3$ | <p>7 whole</p> <p>2 part part 5</p> $2+5=7$ $5+2=7$ $7-2=5$ $7-5=2$ | <p>9 whole</p> <p>2 part part 7</p> $2+7=9$ $7+2=9$ $9-2=7$ $9-7=2$ | <p>9 whole</p> <p>5 part part 4</p> $4+5=9$ $5+4=9$ $9-4=5$ $9-5=4$ |
|--|--|--|--|

Write all four facts for each number family inside each house.

| | | | |
|--|---|---|---|
| <p>5 whole</p> <p>2 part part 3</p> $2+3=5$ $3+2=5$ $5-3=2$ $5-2=3$ | <p>5 whole</p> <p>4 part part 1</p> $4+1=5$ $1+4=5$ $5-4=1$ $5-1=4$ | <p>6 whole</p> <p>4 part part 2</p> $4+2=6$ $2+4=6$ $6-4=2$ $6-2=4$ | <p>8 whole</p> <p>3 part part 5</p> $5+3=8$ $3+5=8$ $8-5=3$ $8-3=5$ |
| <p>8 whole</p> <p>2 part part 6</p> $6+2=8$ $2+6=8$ $8-6=2$ $8-2=6$ | <p>10 whole</p> <p>2 part part 8</p> $8+2=10$ $2+8=10$ $10-8=2$ $10-2=8$ | <p>10 whole</p> <p>3 part part 7</p> $7+3=10$ $3+7=10$ $10-7=3$ $10-3=7$ | <p>10 whole</p> <p>6 part part 4</p> $6+4=10$ $4+6=10$ $10-6=4$ $10-4=6$ |

| | | | | | |
|---|---|--|---|---|---|
| $\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$ | $\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$ | $\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$ | $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 8 \\ +8 \\ \hline 16 \end{array}$ | $\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$ |
|---|---|--|---|---|---|

Addition & Subtraction Strategies:

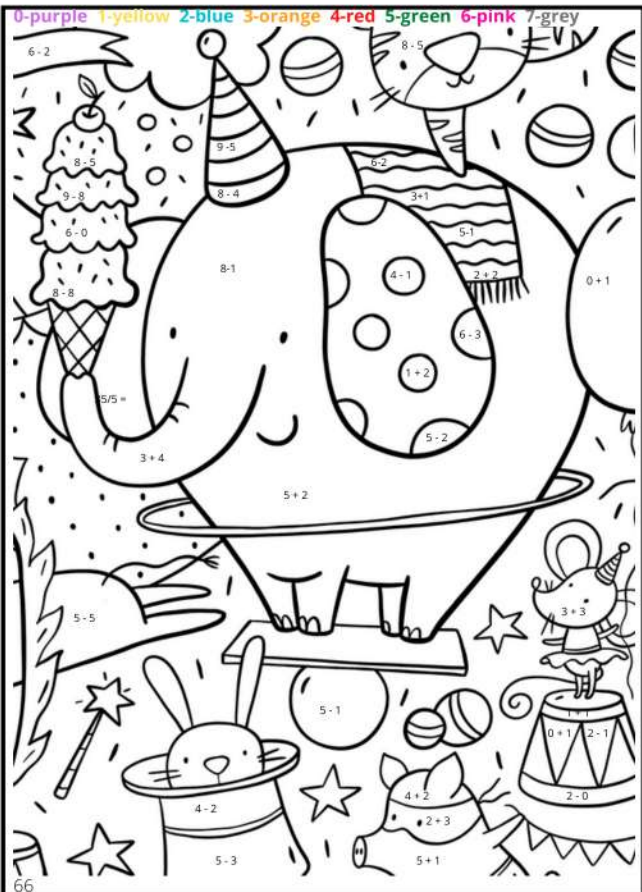
- Tens Partners:** addends add to a sum of ten.
- Counting On:** when adding zero the number remains the same, adding one is like counting on to the next number, adding two is like counting on to the NEXT, next number.
- Counting Back:** like counting on, but with subtraction.
- Doubles:** when both addends are the same.
- Doubles Plus One:** addends are doubles, plus one.
- Fact Families:** three numbers (a fact family) cover FOUR math facts, two addition and two subtraction, giving you a lot less to memorize.

| | | | | | | | |
|--|---|---|---|---|---|--|--|
| $\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array}$ | $\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$ | $\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$ | $\begin{array}{r} 2 \\ +8 \\ \hline 10 \end{array}$ | $\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$ | $\begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array}$ | $\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$ | $\begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array}$ |
| $\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$ | $\begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array}$ | $\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$ | $\begin{array}{r} 8 \\ +8 \\ \hline 16 \end{array}$ | $\begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array}$ | $\begin{array}{r} 10 \\ +1 \\ \hline 11 \end{array}$ | $\begin{array}{r} 12 \\ -1 \\ \hline 11 \end{array}$ | $\begin{array}{r} 12 \\ -2 \\ \hline 10 \end{array}$ |
| $\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$ | $\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ | $\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$ | $\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$ | $\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$ | $\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$ | $\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$ |
| $\begin{array}{r} 11 \\ -1 \\ \hline 10 \end{array}$ | $\begin{array}{r} 11 \\ -2 \\ \hline 9 \end{array}$ | $\begin{array}{r} 11 \\ +11 \\ \hline 22 \end{array}$ | $\begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array}$ | $\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$ | $\begin{array}{r} 12 \\ +12 \\ \hline 24 \end{array}$ | $\begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array}$ | $\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$ |
| $\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$ | $\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$ | $\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$ | $\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$ | $\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$ | $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$ | $\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$ |
| $\begin{array}{r} 8 \\ +0 \\ \hline 8 \end{array}$ | $\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$ | $\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$ | $\begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$ | $\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$ | $\begin{array}{r} 7 \\ +8 \\ \hline 15 \end{array}$ | $\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ |

What is the answer to an addition problem called? Sum

What is the answer to a subtraction problem called? Difference

| | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 5 | 3 | 1 | 2 | 3 | 4 | 5 | 6 |
| +1 | +4 | +2 | +7 | +5 | +5 | +6 | +6 |
| 6 | 7 | 3 | 9 | 8 | 9 | 11 | 12 |
| 6 | 7 | 8 | 10 | 10 | 10 | 10 | 10 |
| +7 | +7 | +2 | +0 | -1 | +1 | +2 | -0 |
| 13 | 14 | 10 | 10 | 9 | 11 | 12 | 10 |
| 4 | 3 | 1 | 2 | 5 | 6 | 3 | 4 |
| +6 | +7 | +9 | +8 | +5 | +6 | +3 | +4 |
| 10 | 10 | 10 | 10 | 10 | 12 | 6 | 8 |
| 7 | 7 | 2 | 8 | 9 | 12 | 12 | 12 |
| -1 | +3 | +4 | -8 | -9 | +0 | -1 | -2 |
| 6 | 10 | 6 | 0 | 6 | 12 | 11 | 10 |
| 3 | 3 | 4 | 9 | 2 | 5 | 2 | 6 |
| +2 | +5 | +5 | -1 | +5 | -2 | -2 | -6 |
| 5 | 8 | 9 | 8 | 5 | 3 | 0 | 0 |
| 11 | 11 | 11 | 8 | 6 | 12 | 5 | 3 |
| -1 | -0 | +0 | +9 | +7 | +12 | +5 | +7 |
| 10 | 11 | 11 | 17 | 13 | 24 | 10 | 10 |
| 8 | 7 | 2 | 3 | 4 | 10 | 8 | 8 |
| -5 | +8 | +2 | +3 | +4 | +10 | +0 | +1 |
| 3 | 15 | 4 | 6 | 8 | 20 | 8 | 9 |
| 7 | 5 | 8 | 10 | 4 | 4 | 3 | 3 |
| +0 | -1 | -2 | -2 | +4 | +5 | +3 | +4 |
| 7 | 4 | 6 | 8 | 8 | 9 | 6 | 7 |



Forty-five minutes **after** one hour is 15 minutes (quarter of an hour) **before** the next hour.

Look how **BOTH** hands move to **quarter before the next hour**. The **MINUTE** hand moves 45 minutes while the **HOUR** hand moves three quarters of the way across it's **home**.

| | | | |
|------|--|-----------------------------|--|
| 1:00 | | 1:45 is quarter before 2:00 | |
| 2:45 | | 3:00 | |
| 7:45 | | 8:00 | |
| 1:45 | | 2:00 | |

Draw hands on the clocks to match the time on the digital clock. Circle all of the rectangles that show **quarter before** an hour.

| | | | |
|-----------------|--|-----------------------------|--|
| 6:00 | | quarter after six | |
| half past six | | quarter before seven | |
| 7:00 | | quarter after seven | |
| half past seven | | quarter before eight | |
| 8:00 | | quarter after eight | |

69

Draw hands on the analog clocks to match the time on the digital clock. Circle all of the rectangles that show **quarter before** an hour.

| | | | |
|-------|--|-------|--|
| 8:30 | | 8:45 | |
| 9:00 | | 9:15 | |
| 9:30 | | 9:45 | |
| 10:00 | | 10:15 | |
| 10:30 | | 10:45 | |

70

The clocks in the second column show the current time. Draw hands on the clocks in the other columns to show quarter before, quarter after and half past. Remember how the HOUR hand moves along with the MINUTE hand.

| Quarter Before | Current Time | Quarter After | Half Past |
|----------------|--------------|---------------|-----------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

71

The clocks in the second column show the current time. Draw hands on the clocks in the other columns to show quarter before, quarter after, and half past. Remember how the HOUR hand moves along with the MINUTE hand.

| Quarter Before | Current Time | Quarter After | Half Past |
|----------------|--------------|---------------|-----------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

72

Draw lines to match the analog and digital clocks.

3:08 7:59 2:33 1:01 10:22

What are these numbers?

33 63 99 90 47

44 79 79 63 53

These boxes each hold 100 dots! I promise!

100 111 323

add 15 minutes add 15 minutes

add 15 minutes add 15 minutes

add 15 minutes add 15 minutes

add 15 minutes add 15 minutes

Match the shapes to their names. Color the 2D shapes yellow and the 3D shapes green.

Triangle

Square

Cone

Sphere

Cuboid

Circle

Cylinder

Rectangle

Pyramid

Oval

Cube

| | |
|---|---|
| Draw something in your home that is a pyramid. | Draw something in your home that is a cube. |
| Draw something in your home that is a cylinder. | Draw something in your home that is a sphere. |

Count forwards or backwards to fill in the missing numbers.

8 9 10 11 12 13 14 15 16 17

10 9 8 7 6 5 4 3 2 1

Solve.

| | | |
|-------------|-------------|-------------|
| $9 - 0 = 9$ | $6 - 0 = 6$ | $7 - 0 = 7$ |
| $9 - 1 = 8$ | $6 - 1 = 5$ | $7 - 1 = 6$ |
| $8 - 1 = 7$ | $5 - 1 = 4$ | $4 - 1 = 3$ |
| $8 - 8 = 0$ | $5 - 5 = 0$ | $4 - 4 = 0$ |

Draw something in your home that is a cone

Draw something in your home that is a cuboid (rectangular prism).

Fill in all of the fact family number sentences.

6 whole
2 part 4 part

$$\begin{array}{r} 2 + 4 = 6 \\ 4 + 2 = 6 \\ 6 - 4 = 2 \\ 6 - 2 = 4 \end{array}$$

9 whole
4 part 5 part

$$\begin{array}{r} 4 + 5 = 9 \\ 5 + 4 = 9 \\ 9 - 5 = 4 \\ 9 - 4 = 5 \end{array}$$

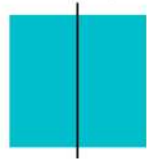
8 whole
3 part 5 part

$$\begin{array}{r} 3 + 5 = 8 \\ 5 + 3 = 8 \\ 8 - 5 = 3 \\ 8 - 3 = 5 \end{array}$$

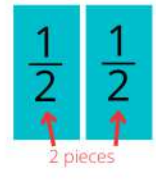
Solve the following addition problems. Think "doubles plus one".

| | | | | | | |
|---|---|---|---|---|---|--|
| $\begin{array}{r} 11 \\ +11 \\ \hline 22 \end{array}$ | $\begin{array}{r} 11 \\ +12 \\ \hline 23 \end{array}$ | $\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$ | $\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$ | $\begin{array}{r} 8 \\ +8 \\ \hline 16 \end{array}$ | $\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$ | $\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$ |
| $\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$ | $\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$ | $\begin{array}{r} 7 \\ +8 \\ \hline 15 \end{array}$ | $\begin{array}{r} 12 \\ +12 \\ \hline 24 \end{array}$ | $\begin{array}{r} 12 \\ +13 \\ \hline 25 \end{array}$ | $\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$ | $\begin{array}{r} 9 \\ +10 \\ \hline 19 \end{array}$ |
| $\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ | $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 10 \\ +11 \\ \hline 21 \end{array}$ | $\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$ | $\begin{array}{r} 6 \\ +7 \\ \hline 13 \end{array}$ | $\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$ |

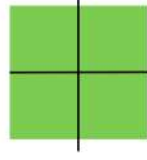
Divide the square into two equal HALVES.



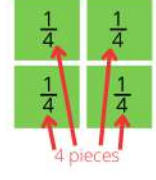
A FRACTION is a piece of something. You divided your square into two pieces so now you have two fractions, called HALVES.



Divide the square into four quarters.



You divided your square into four pieces so now you have four fractions, called QUARTERS or FOURTHS.



What numbers do these base ten blocks represent?

| | | | |
|----------------|----------------|---------------|---------------|
| <u>55</u> | <u>37</u> | <u>63</u> | <u>25</u> |
| <u>239</u> | <u>346</u> | | |

There are 60 minutes in 1 hour. Use tally marks to determine how many minutes are in each QUARTER hour. Draw 1 tally mark in the upper left quadrant, then 1 in the upper right quadrant, then 1 in the lower right quadrant, then 1 in the lower left quadrant, counting the tally marks as you write them until you get to 60. Remember to draw your tally marks so there are 4 vertical lines, then the 5th line crosses the other four lines, bundling them up.

How many minutes are in EACH quarter hour? 15

Divide BOTH of these squares into two EQUAL pieces different ways. Label each piece $\frac{1}{2}$ and tell your mom or dad why.

Let's have a pizza party! 3 of your friends are coming over. How many pieces of pizza do you need if you each want 1 piece?

Divide the pizza into EQUAL quarters, or FOURTHS and label each quarter $\frac{1}{4}$.

Draw lines to:

Draw 2 lines to divide this square into FOURTHS. Label each piece $\frac{1}{4}$. Color two of the fourths blue.

Can you think of another name to call the $\frac{2}{4}$ that are blue? Do they look like another fraction you know?

Circle the WHOLE number in each Fact Family. Fill in the missing PART.

| | |
|---|---|
| $\begin{array}{ c c c } \hline 2 & 5 & 3 \\ \hline \end{array}$ | $\begin{array}{ c c c } \hline 3 & 7 & 4 \\ \hline \end{array}$ |
| $\begin{array}{ c c c } \hline 2 & 6 & 4 \\ \hline \end{array}$ | $\begin{array}{ c c c } \hline 3 & 8 & 5 \\ \hline \end{array}$ |
| $\begin{array}{ c c c } \hline 2 & 9 & 7 \\ \hline \end{array}$ | $\begin{array}{ c c } \hline 2 & 4 \\ \hline \end{array}$ |

Fill in the missing numbers to count BEYOND 100.

| | | | | | | | | | |
|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 |
|----|----|-----|-----|-----|-----|-----|-----|-----|-----|

Divide each pie into THIRDS. Label each piece with the fraction $\frac{1}{3}$. How many people can you invite to your pie party if each person only wants ONE piece of pie?



Solve.

$11 - 0 = 11$ $11 - 1 = 10$ $11 - 2 = 9$

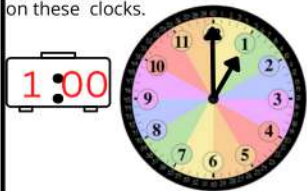
$18 - 0 = 18$ $18 - 1 = 17$ $18 - 2 = 16$

$21 - 0 = 21$ $21 - 1 = 20$ $21 - 2 = 19$

$25 - 0 = 25$ $25 - 1 = 24$ $25 - 2 = 23$

Think of QUARTER BEFORE a time as moving the hands BACKWARD 15 minutes.

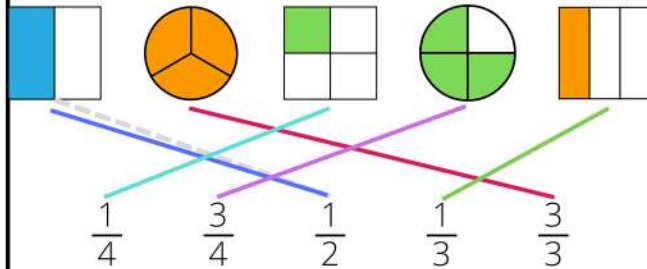
Show one o'clock on these clocks.



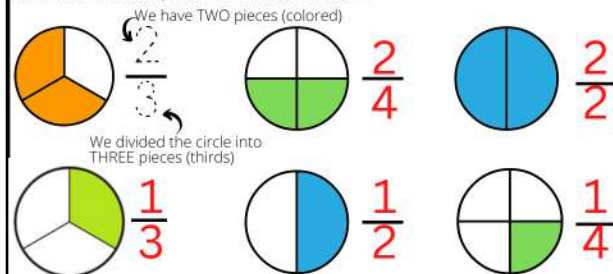
Show quarter before one on these clocks.



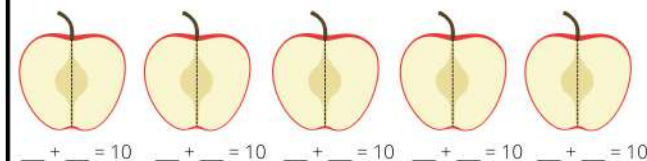
Draw lines to match the fractions.



Label the fractions, then name them aloud.



Draw five different ways to make TEN seeds. Write the number sentences to match.



Date _____

+ = 9. Here is another addition strategy. Count the FIRST addend, "1, 2, 3, 4, 5" then CONTINUE counting the SECOND addend "6, 7, 8, 9". The SUM is NINE.

= 7 = 8 = 6

= 10 = 8 = 7

= 10 = 11 = 9

6 + = 9

Now try this. Instead of counting the FIRST addend, (because you can easily "see", or subitize, the number), just SAY the first addend "6" then CONTINUE counting the SECOND addend, "7, 8, 9".

5 + = 12 = 9

= 9 = 10

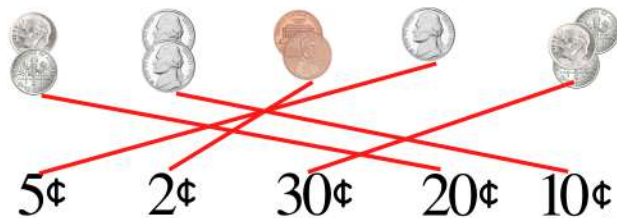
Count the pennies and dimes using tally marks. Draw a tally mark for each in the correct space, then color the coin so you know it's been counted. Color the pennies brown and the dimes grey. Remember to draw four tally marks upright, then the fifth tally mark across the previous four to "bundle" them.

| Pennies tally marks | | Dimes tally marks | |
|---------------------|------|-------------------|------|
| | | | |
| Front | Back | Front | Back |
| | | | |

Add the coins to find the value. Remember that pennies are worth 1 cent and dimes are worth ten cents so you count dimes by 10's.



Draw lines to match the coins with the values.

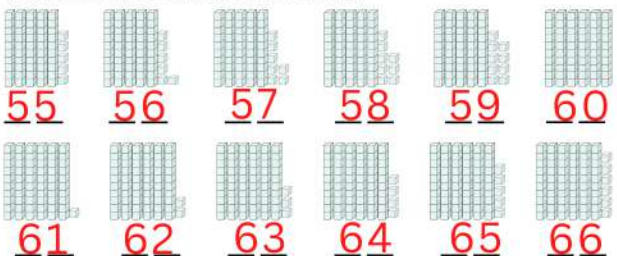


Date _____
Day of the week _____

Draw the coins you need to purchase each item, just using dimes and pennies. A fun way to draw coins is to lay them under your paper and rub the side of your pencil over them to make coin "rubbings". Or you can just draw circles and write 10 or 1 in them.

| | |
|--|--|
| | |
| | |

Write each number below the base ten blocks.



Finish the pattern.



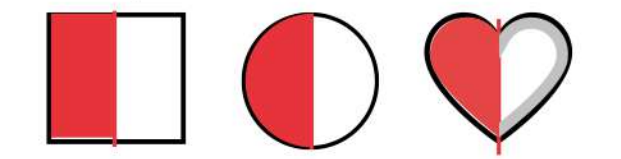
| | | | |
|-----------|----|-----------|--|
| One Less | | One More | |
| <u>12</u> | 13 | <u>14</u> | |
| <u>18</u> | 19 | <u>20</u> | |
| <u>23</u> | 24 | <u>25</u> | |
| <u>46</u> | 47 | <u>48</u> | |
| <u>57</u> | 58 | <u>59</u> | |
| <u>34</u> | 35 | <u>36</u> | |
| <u>15</u> | 16 | <u>17</u> | |

You picked 8 apples off the tree in your backyard. You gave six of them to your neighbor. Draw a picture and write a number sentence to show how many apples you have now.

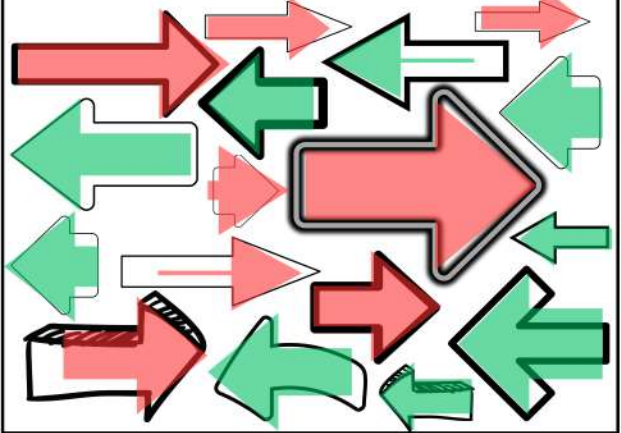
$8 - 6 = 2$

| | |
|--|-------------------------------------|
| | <p>Circle the cat on the right.</p> |
|--|-------------------------------------|

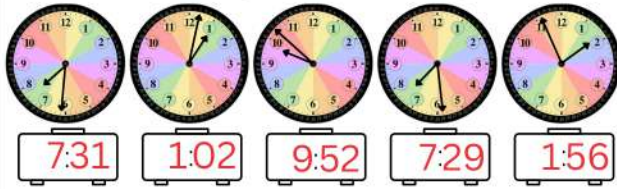
Divide these shapes into halves with one vertical line. Color the LEFT half red.



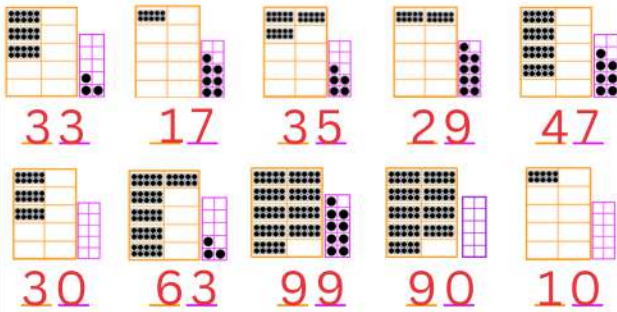
Color the arrows pointing LEFT green and the arrows pointing RIGHT red.



What time does each clock say? Write the times on the digital clocks below.



Identify these numbers. Write them down and say them aloud.



Draw a worm hanging from the mouth of the LEFT chick. Draw a hat on the RIGHT chick.



Draw a mustache on the LEFT dog. Draw a bow on the RIGHT dog.

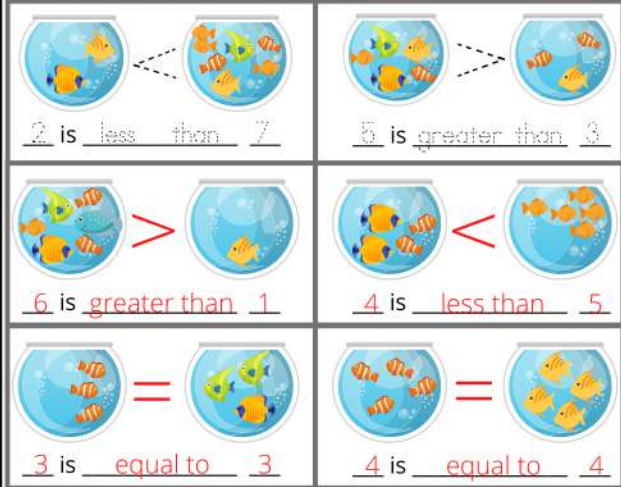


Comparison Symbols

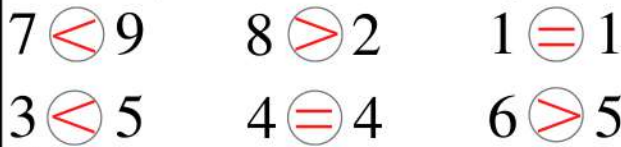
Always make the shark jaw "eat" the larger amount.



Sharks want to eat as many fish as possible. Draw <, >, = symbols between each set of fishbowl. Then fill in the blanks.



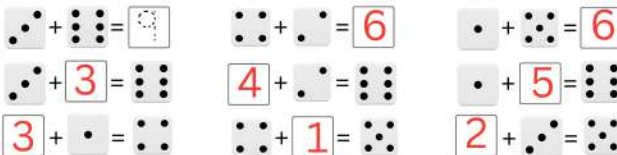
Write the correct comparison symbol in each circle. Then read each number sentence aloud to your mom or dad. Remember to "eat" the larger number.



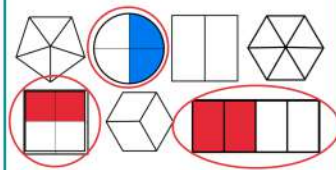
Date _____

Day of the week _____

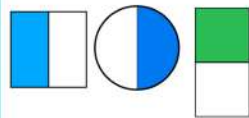
Find the missing sums and addends.



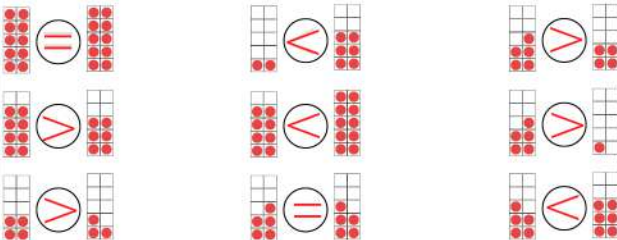
Circle the shapes divided into fourths. Color two fourths of each circled shape.



Divide each shape into halves, color one half of each and label each half with a fraction.



Write the correct comparison symbol (<, >, =) in each circle then read the number sentences out loud to your mom or dad.

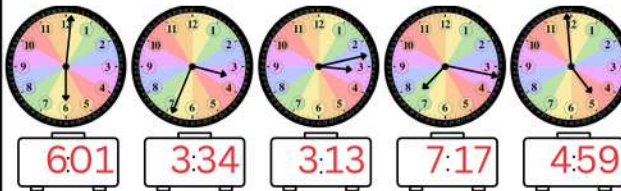


Season _____

Trace the existing numbers and fill in the missing numbers.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |

What time does each clock say? Write the times on the digital clocks below.



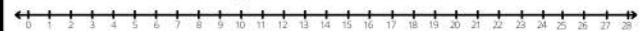
Fill in the missing members of each fact family.

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

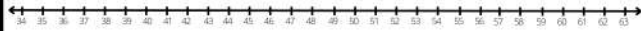
Date _____

Day of the week _____

Use the number lines to draw comparison symbols in the problems below them. Circle the two numbers you are comparing on the number line. The number FARTHEST to the right is the LARGEST.



$15 < 28$ $23 > 14$ $16 < 25$
 $21 > 19$ $9 < 22$ $28 = 28$

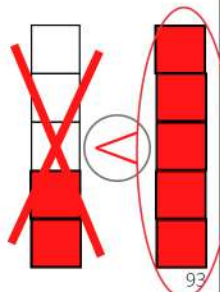


$49 > 38$ $45 = 45$ $35 < 62$
 $34 < 59$ $37 > 36$ $41 < 55$

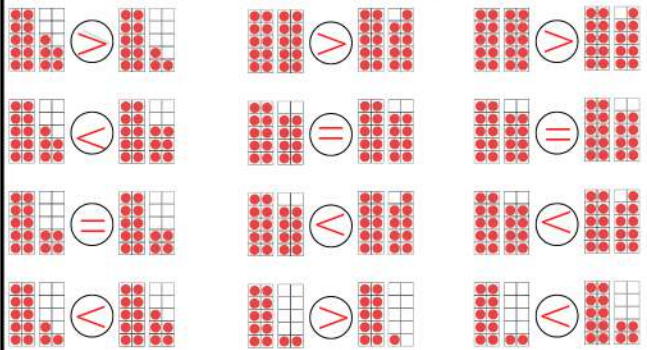
Color two squares in the tower on the LEFT. Color five squares in the tower on the RIGHT.

Circle the tower with more colored squares.
Draw an X on the tower with fewer colored squares.

Draw a comparison symbol ($<$, $>$, $=$) in the circle between the towers. Remember to make the shark jaw "eat" the larger amount.



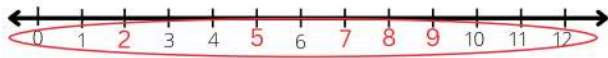
Draw a comparison symbol ($<$, $>$, $=$) in the circle between the ten frames. Remember to make the shark jaw "eat" the larger amount. Then read each number sentence as (number) is (greater than/less than) (number).



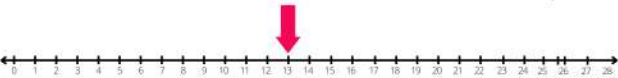
Let's practice time nicknames! Write the time on the digital clock and draw the clock hands to match.

| | | | |
|-------------------------|--|------------------------------|--|
| Half past ten 10:30 | | Quarter past six 6:15 | |
| Twelve o'clock 12:00 | | Quarter before three 2:45 | |

Fill in the missing numbers on this number line.



Circle all of the numbers LESS THAN the number to which the arrow points.



Write the correct comparison symbol in each circle. Then read each number sentence aloud to your mom or dad. Remember to "eat" the larger number.

$5 = 5$ $1 < 2$ $8 > 3$
 $4 < 5$ $7 > 6$ $6 < 9$

Fill in the missing members of each fact family.

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

Date _____

Day of the week _____

Draw three rubber duckies.



| | | |
|---------|------------|-------------|
| Big | Bigger | Biggest |
|---------|------------|-------------|

Draw lines to match the proper tool with each job.

Compare these sets of base ten blocks using the correct comparison symbol.



Season _____

Number each clock face, then draw the hands to show:
 Half past twelve Quarter before ten Quarter after one



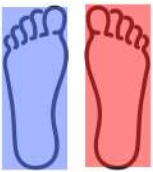
Circle all of the numbers GREATER THAN the number to which the arrow points.



Draw an arrow pointing to 54. Circle the number ONE LESS than 54.



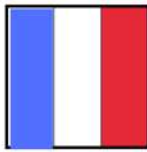
Color the LEFT foot blue and the RIGHT foot red.



Color the LEFT hand yellow and the RIGHT hand orange.



Color the LEFT third blue and the RIGHT third red.



97

Draw the total using base ten blocks, then write the SUM.

$15 + 10 = 25$

$13 + 10 = 23$

$34 + 10 = 44$

$42 + 10 = 52$

Cross out any subtracted base ten blocks, draw the new total, then write the DIFFERENCE.

$25 - 10 = 15$

$36 - 10 = 26$

$33 - 10 = 23$

$54 - 10 = 44$

98

Date _____

Write the numbers 10 more and 10 less than each number given.

| 10 Less | Number | 10 More |
|---------|--------|---------|
| 17 | 27 | 37 |
| 9 | 19 | 29 |
| 4 | 14 | 24 |
| 28 | 38 | 48 |
| 11 | 21 | 31 |
| 3 | 13 | 23 |
| 15 | 25 | 35 |

Draw the hands on the analog clock and write the time on the digital clock.

| | | |
|---------------------|--|------|
| Three o'clock | | 3:00 |
| Quarter after three | | 3:15 |
| Half past three | | 3:30 |
| Quarter before four | | 3:45 |

99

Start 11 24 23 17 12 14 8

SPACE RACE

23 16

24 19 10 18 25 21 21 31

16 31 20 15 56 9 26 13 43

22 28 26

Finish 15 6 27 29 53 14 29

+10 -10

- Add ten to the numbers on orange spaces.
- Subtract ten from the numbers on blue spaces.
- Write the sums or differences on the lighter orange or blue spaces.
- Work as fast as you can!

100

Date _____

$$14 + 10^9 = 24^{23}$$

| | | |
|----------------|----------------|----------------|
| $18 + 10 = 28$ | $13 + 10 = 23$ | $16 + 10 = 26$ |
| $18 + 9 = 27$ | $13 + 9 = 22$ | $16 + 9 = 25$ |

| | | |
|----------------|----------------|----------------|
| $28 + 10 = 38$ | $23 + 10 = 33$ | $27 + 10 = 37$ |
| $28 + 9 = 37$ | $23 + 9 = 32$ | $27 + 9 = 36$ |

| | | |
|----------------|----------------|----------------|
| $11 + 10 = 21$ | $12 + 10 = 22$ | $22 + 10 = 32$ |
| $11 + 9 = 20$ | $12 + 9 = 21$ | $22 + 9 = 31$ |

| | | |
|----------------|----------------|----------------|
| $27 + 10 = 37$ | $21 + 10 = 31$ | $19 + 10 = 29$ |
| $27 + 9 = 36$ | $21 + 9 = 30$ | $19 + 9 = 28$ |

| | | |
|----------------|----------------|----------------|
| $15 + 10 = 25$ | $25 + 10 = 35$ | $17 + 10 = 27$ |
| $15 + 9 = 24$ | $25 + 9 = 34$ | $17 + 9 = 26$ |



Draw (or make rubbings of) dimes and pennies to purchase the book.

101

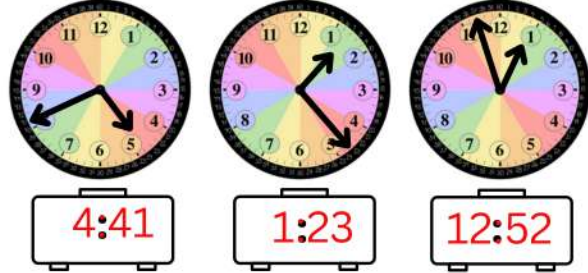
What day of the week is the LAST day of this month? _____

What day of the week is the FIRST day of NEXT month? _____



1. On the shape to the left, trace HORIZONTAL lines with a red crayon. Trace VERTICAL lines with a blue crayon. Trace the OBLIQUE line with a yellow crayon.
2. Label both halves of the square with $\frac{1}{2}$ fraction.
3. Color one half of the square green.

What time is shown on these clocks? Watch out! These are tricky!



| | | | | |
|---|---|--|--|--|
| $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$ | $\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$ | $\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$ | $\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$ |
| $\begin{array}{r} 10 \\ +11 \\ \hline 21 \end{array}$ | $\begin{array}{r} 6 \\ +7 \\ \hline 13 \end{array}$ | $\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$ | $\begin{array}{r} 9 \\ +10 \\ \hline 19 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ |

Remember that these addition and subtraction problems consist of some PARTS and a WHOLE. If the problem is "Some, some more" it's an addition problem. If the problem is "Some, some go away" it's a subtraction problem. Illustrate the problem then write a number sentence for each.

There were 2 birds in the tree. 3 birds joined them. How many birds are there now?



$$2 + 3 = 5$$

You are training 4 monkeys and you give each a banana every time they do a trick. You have eight bananas. Each of the monkeys performs a trick. How many bananas do you have now?



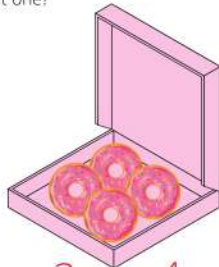
$$8 - 4 = 4$$

You made 15 cookies. Your family ate 12 of them. How many cookies do you have?



$$15 - 12 = 3$$

You invited three friends for a game night. How many donuts do you need to buy if you each (including you) want one?



$$1 + 3 = 4$$

103

| | | | | |
|---|--|---|--|---|
| $\begin{array}{r} 25 \\ +10 \\ \hline 35 \end{array}$ | $\begin{array}{r} 25 \\ +9 \\ \hline 34 \end{array}$ | $\begin{array}{r} 18 \\ +10 \\ \hline 28 \end{array}$ | $\begin{array}{r} 18 \\ +9 \\ \hline 27 \end{array}$ | $\begin{array}{r} 29 \\ +10 \\ \hline 39 \end{array}$ |
|---|--|---|--|---|

What numbers come next in each line?

| | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 |
| 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |

Write the correct comparison symbol in each circle. Then read each number sentence aloud to your mom or dad. Remember to "eat" the larger number.

| | | |
|----------------------|----------------------|----------------------|
| $9 \text{ (=) } 9$ | $1 \text{ (<) } 2$ | $5 \text{ (<) } 7$ |
| $6 \text{ (>) } 5$ | $3 \text{ (=) } 3$ | $4 \text{ (<) } 5$ |

Draw (or make rubbings of) dimes and pennies to purchase the toys.



104

Date _____

Your birthdate _____

Solve each problem and illustrate it with base ten blocks.

| | | |
|---|---|---|
| | | |
| $\begin{array}{r} 43 \\ +22 \\ \hline 65 \end{array}$ | $\begin{array}{r} 26 \\ +32 \\ \hline 58 \end{array}$ | $\begin{array}{r} 61 \\ +25 \\ \hline 86 \end{array}$ |

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 76 \\ +12 \\ \hline 88 \end{array}$ | $\begin{array}{r} 55 \\ +13 \\ \hline 68 \end{array}$ | $\begin{array}{r} 32 \\ +21 \\ \hline 53 \end{array}$ | $\begin{array}{r} 33 \\ +24 \\ \hline 57 \end{array}$ | $\begin{array}{r} 84 \\ +11 \\ \hline 95 \end{array}$ |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 23 \\ +44 \\ \hline 67 \end{array}$ | $\begin{array}{r} 45 \\ +31 \\ \hline 76 \end{array}$ | $\begin{array}{r} 53 \\ +25 \\ \hline 78 \end{array}$ | $\begin{array}{r} 65 \\ +14 \\ \hline 79 \end{array}$ | $\begin{array}{r} 34 \\ +65 \\ \hline 99 \end{array}$ |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 17 \\ +36 \\ \hline 53 \end{array}$ | $\begin{array}{r} 37 \\ +42 \\ \hline 79 \end{array}$ | $\begin{array}{r} 15 \\ +23 \\ \hline 38 \end{array}$ | $\begin{array}{r} 52 \\ +24 \\ \hline 76 \end{array}$ | $\begin{array}{r} 18 \\ +61 \\ \hline 79 \end{array}$ |
|---|---|---|---|---|

Compare these sets of base ten blocks using the correct comparison symbol. Then read each number sentence out loud to your mom or dad.

| | |
|------------|-------------|
| $<$ | $<$ |
| $56 < 64$ | $55 < 61$ |
| $>$ | $<$ |
| $100 > 90$ | $124 < 130$ |
| $>$ | $<$ |
| $62 > 54$ | $46 < 60$ |

Number each clock face, then draw the hands to show:

Quarter **before** six Six o'clock Quarter **after** six

What are you GREAT at? **MATH**

To find the answer, write a T above 51, write an H at TEN MORE than 51, write an M at TEN LESS than 51 and write an A at ONE LESS than 51.

M AT H

Date _____

What is the date of Thanksgiving this year? _____

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 24 \\ +22 \\ \hline 46 \end{array}$ | $\begin{array}{r} 43 \\ +15 \\ \hline 58 \end{array}$ | $\begin{array}{r} 12 \\ +23 \\ \hline 35 \end{array}$ | $\begin{array}{r} 13 \\ +54 \\ \hline 67 \end{array}$ | $\begin{array}{r} 60 \\ +19 \\ \hline 79 \end{array}$ |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 17 \\ +22 \\ \hline 39 \end{array}$ | $\begin{array}{r} 18 \\ +21 \\ \hline 39 \end{array}$ | $\begin{array}{r} 43 \\ +25 \\ \hline 68 \end{array}$ | $\begin{array}{r} 25 \\ +34 \\ \hline 59 \end{array}$ | $\begin{array}{r} 33 \\ +41 \\ \hline 74 \end{array}$ |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 27 \\ +51 \\ \hline 78 \end{array}$ | $\begin{array}{r} 35 \\ +32 \\ \hline 67 \end{array}$ | $\begin{array}{r} 15 \\ +43 \\ \hline 58 \end{array}$ | $\begin{array}{r} 42 \\ +15 \\ \hline 57 \end{array}$ | $\begin{array}{r} 28 \\ +51 \\ \hline 79 \end{array}$ |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 23 \\ +36 \\ \hline 59 \end{array}$ | $\begin{array}{r} 26 \\ +21 \\ \hline 47 \end{array}$ | $\begin{array}{r} 63 \\ +25 \\ \hline 88 \end{array}$ | $\begin{array}{r} 55 \\ +44 \\ \hline 99 \end{array}$ | $\begin{array}{r} 34 \\ +54 \\ \hline 88 \end{array}$ |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 34 \\ +45 \\ \hline 79 \end{array}$ | $\begin{array}{r} 11 \\ +34 \\ \hline 45 \end{array}$ | $\begin{array}{r} 35 \\ +13 \\ \hline 48 \end{array}$ | $\begin{array}{r} 51 \\ +26 \\ \hline 77 \end{array}$ | $\begin{array}{r} 10 \\ +81 \\ \hline 91 \end{array}$ |
|---|---|---|---|---|

Circle sets of ten and write the number of TENS in the "tens" box. Write the leftovers in the "Ones" box.

| | |
|------------------|------------------|
| | |
| Tens: 5, Ones: 8 | Tens: 8, Ones: 4 |
| | |
| Tens: 2, Ones: 4 | Tens: 2, Ones: 8 |
| | |
| Tens: 3, Ones: 9 | Tens: 4, Ones: 2 |
| | |
| Tens: 3, Ones: 6 | Tens: 3, Ones: 9 |

Date _____

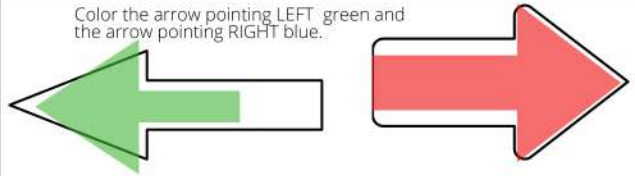
What is the date next Sunday? _____

| | | |
|---|---|--|
| $\begin{array}{r} 2 \\ 3 \\ +4 \\ \hline 9 \end{array}$ | $\begin{array}{r} 3 \\ 1 \\ +5 \\ \hline 9 \end{array}$ | $\begin{array}{r} 1 \\ 6 \\ +4 \\ \hline 11 \end{array}$ |
|---|---|--|

| | |
|------------------|-----------------|
| $2 + 5 + 3 = 10$ | $5 + 1 + 1 = 7$ |
|------------------|-----------------|

| | |
|------------------|------------------|
| $2 + 4 + 8 = 14$ | $3 + 1 + 8 = 12$ |
| $8 + 1 + 4 = 13$ | $2 + 7 + 3 = 12$ |
| $3 + 2 + 5 = 10$ | $6 + 2 + 5 = 13$ |
| $4 + 5 + 3 = 12$ | $9 + 6 + 1 = 16$ |
| $7 + 3 + 2 = 12$ | $4 + 2 + 9 = 15$ |
| $1 + 6 + 6 = 13$ | $7 + 5 + 4 = 16$ |
| $5 + 1 + 7 = 13$ | $8 + 4 + 6 = 18$ |
| $6 + 2 + 1 = 9$ | $5 + 3 + 7 = 15$ |

Color the arrow pointing LEFT green and the arrow pointing RIGHT blue.



Complete these Fact Families.

part + part = whole
whole - part = part

| | | |
|--|--|--|
| $\begin{array}{r} 7 \\ \text{whole} \\ 3 \text{ part} \quad \text{part } 4 \\ \hline 3 + 4 = 7 \\ 4 + 3 = 7 \\ 7 - 4 = 3 \\ 7 - 3 = 4 \end{array}$ | $\begin{array}{r} 9 \\ \text{whole} \\ 6 \text{ part} \quad \text{part } 3 \\ \hline 3 + 6 = 9 \\ 6 + 3 = 9 \\ 9 - 6 = 3 \\ 9 - 3 = 6 \end{array}$ | $\begin{array}{r} 9 \\ \text{whole} \\ 4 \text{ part} \quad \text{part } 5 \\ \hline 5 + 4 = 9 \\ 4 + 5 = 9 \\ 9 - 4 = 5 \\ 9 - 5 = 4 \end{array}$ |
|--|--|--|

I can COUNT and write beyond 100!

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 123 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| 131 | 133 | 134 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |

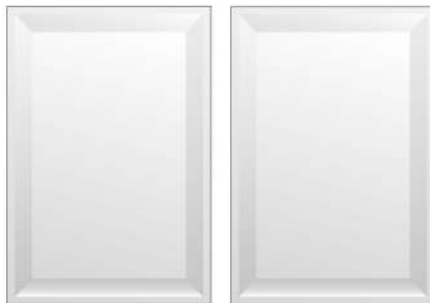
Date _____

Next Sunday's date _____

Draw a dozen donuts in each box.

How many donuts do you have?

24



Use a brown crayon to draw one dozen eggs in this box.

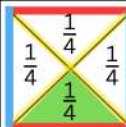
How many eggs do you have?

12



If I make a HALF dozen muffins, how many muffins will I have?

6



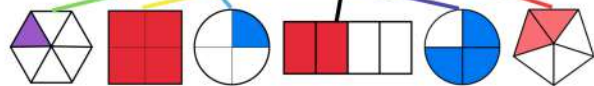
- On the shape to the left, trace HORIZONTAL lines with a red crayon. Trace VERTICAL lines with a blue crayon. Trace the OBLIQUE lines with a yellow crayon.
- Label all sections of the square with $\frac{1}{4}$ fractions.
- Color one fourth of the square green.

Draw 3 pairs of shoes. How many shoes do you have?

6

Draw lines to match the fractions.

$\frac{3}{4}$ $\frac{1}{4}$ $\frac{2}{5}$ $\frac{2}{4}$ $\frac{1}{6}$ $\frac{4}{4}$



Number each clock face, then draw the hands to show:
Quarter before twelve Twelve o'clock Quarter after twelve



Date _____

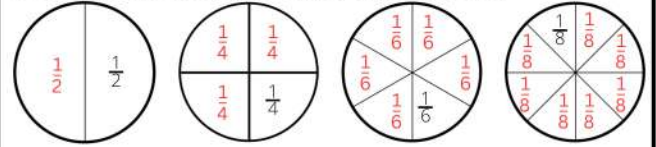
What day of the week is your birthday this year? _____

I have horns,
But I do not beep.
I like to bleat,
But I am not a sheep. What am I? **a goat**
Color all of the ODD numbers green to find a path to the answer.



What do all EVEN numbers have in common?

Label each piece of each circle with the correct fraction, then color the LEFT HALF of each circle blue and the RIGHT HALF of each circle red. Remember, the bottom of each fraction is the NUMBER of pieces the shape is divided into and the top of the fraction is the number of pieces you have.



Draw 3 pairs of gloves. How many gloves do you have?

6



How many PAIRS of socks are there? 3

How many socks are there altogether? 6

How many socks are in ONE pair? 2

How many socks are in TWO pairs? 4

| | | | | |
|------------------|------------------|------------------|------------------|------------------|
| $\frac{18}{+11}$ | $\frac{38}{-21}$ | $\frac{53}{+35}$ | $\frac{55}{-34}$ | $\frac{37}{+42}$ |
| 29 | 17 | 88 | 21 | 79 |

Fractions are pieces of things. When you cut a pizza or a cake or a pie or anything into pieces, those pieces are fractions. The **DENOMINATOR** tells you how many pieces the item was cut into and the **NUMERATOR** tells you how many of those pieces you HAVE.

You baked a frozen pizza. Then you cut it into four pieces. You have four fourths of a pizza. Each slice is $\frac{1}{4}$ of a pizza.

Numerator → 4
You have 4 pieces

Denominator → 4
The pizza was cut into 4 pieces

You ate one piece. Yum! Now you have $\frac{3}{4}$ of a pizza.

3 ← **Numerator**
You have 3 pieces left

4 ← **Denominator**
The pizza was cut into 4 pieces

You ate another piece. Yum! What fraction do you have now?

2 ← **Numerator**
How many pieces do you have?

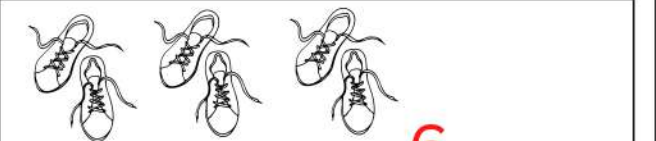
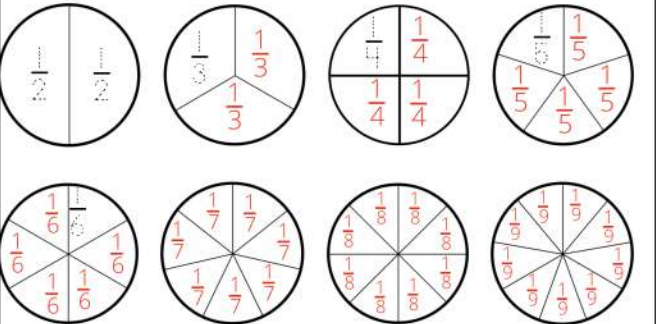
4 ← **Denominator**
The pizza was cut into 4 pieces

You ate a third piece. Yum! What fraction do you have now?

1 ← **Numerator**
How many pieces do you have?

4 ← **Denominator**
The pizza was cut into 4 pieces

Label each piece of each circle with the correct fraction. Remember, the **DENOMINATOR** (the bottom of each fraction) is the NUMBER of pieces the shape is divided into and the top of each fraction will be one.



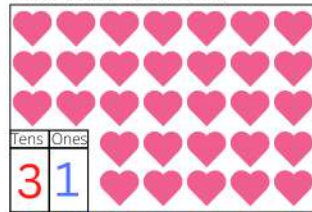
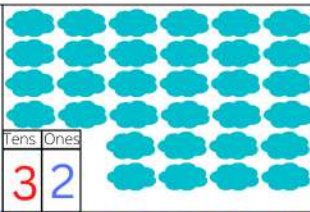
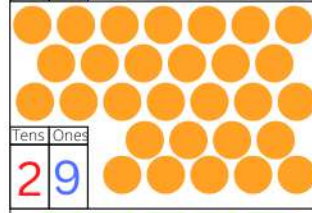

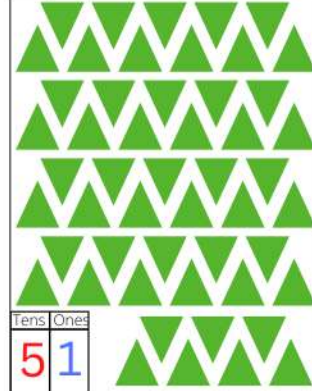
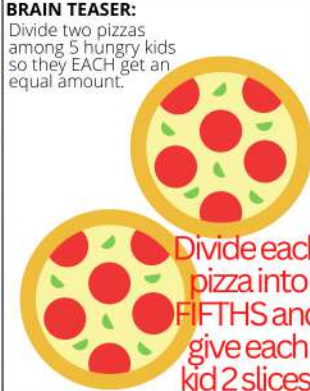
Draw 3 pairs of shoes. How many shoes is that? 6 Even or Odd? **even**

Apples are 55 cents each and bananas are 31 cents each. Find the total cost for one of each, then draw the dimes and pennies you will use to pay for them.

$\frac{31}{+55}$

86

Circle sets of ten and write the number of TENS in the "tens" box. Write the leftovers in the "Ones" box.

| | |
|--|---|
|  |  |
| Tens: 3, Ones: 1 | Tens: 3, Ones: 2 |
|  |  |
| Tens: 2, Ones: 9 | Tens: 2, Ones: 9 |
|  |  |
| Tens: 5, Ones: 1 | BRAIN TEASER: Divide two pizzas among 5 hungry kids so they EACH get an equal amount. |

Divide each pizza into FIFTHS and give each kid 2 slices.

Date _____

Date of the next holiday _____

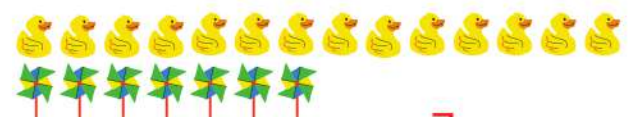
Find the missing addends.

| | |
|---------------------------|---------------------------|
| $2 + 5 + \boxed{5} = 12$ | $8 + \boxed{5} + 1 = 14$ |
| $\boxed{1} + 8 + 2 = 11$ | $5 + 2 + \boxed{10} = 17$ |
| $1 + 3 + \boxed{6} = 10$ | $4 + 6 + \boxed{0} = 10$ |
| $4 + \boxed{2} + 7 = 13$ | $9 + \boxed{8} + 1 = 18$ |
| $\boxed{10} + 6 + 3 = 19$ | $\boxed{6} + 5 + 5 = 16$ |
| $3 + \boxed{9} + 3 = 15$ | $5 + \boxed{2} + 4 = 11$ |



You have TWELVE marbles. Divide them evenly between you and three of your friends. Draw marbles or use tally marks.

| | |
|--------|--------|
| You | Friend |
| Friend | Friend |





How many more ducks are there than pinwheels? 7

You picked 15 strawberries from your garden. Divide them evenly between the baskets.



Draw (or make rubbings of) dimes and pennies to purchase the toys.

| | |
|---|---|
|  |  |
|---|---|

Write the correct comparison symbol in each circle. Then read each number sentence aloud to your mom or dad. Remember to "eat" the larger number.






| | | |
|---------|---------|---------|
| $1 > 0$ | $5 > 2$ | $3 < 8$ |
| $5 = 5$ | $4 < 7$ | $4 > 2$ |

Divide fourteen library books into 7 equal stacks so you have books to read each afternoon all week. Draw the books or use tally marks.



| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|--------|---------|-----------|----------|--------|----------|--------|
| | | | | | | |

What time is shown on these clocks? Write the time on the digital clock below.

| | | | | |
|---|--|---|---|---|
|  |  |  |  |  |
| $1:30$ | $1:10$ | $1:00$ | $1:26$ | $1:49$ |

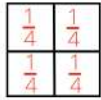
Trace all of the HORIZONTAL lines green. Trace all of the VERTICAL lines red. Trace all of the OBLIQUE lines blue.



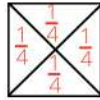
Divide the heart into two equal halves. Label each half with a fraction and color the LEFT half red.

Date _____

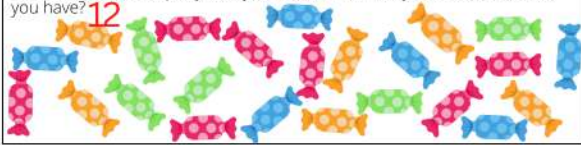
What day of the week was the last day of last month? _____



Divide BOTH of these squares into four EQUAL pieces different ways. Label each piece $\frac{1}{4}$ and tell your mom or dad why.



How many candies are there? **24**
Share the candies equally with your sister. How many candies do each of you have? **12**



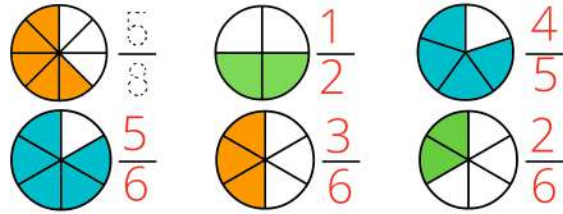
| | | | | |
|---|---|---|---|---|
| $\begin{array}{r} 16 \\ +10 \\ \hline 26 \end{array}$ | $\begin{array}{r} 19 \\ +10 \\ \hline 29 \end{array}$ | $\begin{array}{r} 28 \\ +10 \\ \hline 38 \end{array}$ | $\begin{array}{r} 26 \\ +10 \\ \hline 36 \end{array}$ | $\begin{array}{r} 11 \\ +10 \\ \hline 21 \end{array}$ |
| $\begin{array}{r} 21 \\ +10 \\ \hline 31 \end{array}$ | $\begin{array}{r} 31 \\ +10 \\ \hline 41 \end{array}$ | $\begin{array}{r} 41 \\ +10 \\ \hline 51 \end{array}$ | $\begin{array}{r} 51 \\ +10 \\ \hline 61 \end{array}$ | $\begin{array}{r} 61 \\ +10 \\ \hline 71 \end{array}$ |

Fill in the missing numbers to count BEYOND 100.



125

Label the fractions, then name them aloud. Remember, the DENOMINATOR (bottom) of a fraction tells you how many pieces the shape is divided into. The NUMERATOR (top) tells you how many pieces you HAVE (they're colored).



Think of QUARTER BEFORE a time as moving the hands BACKWARD 15 minutes.

Show ten o'clock on the clocks below.



Show quarter before ten on these clocks.

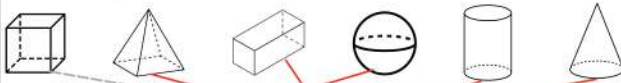


Circle the WHOLE number in each Fact Family. Fill in the missing PART.

| | |
|---|---|
| $\begin{array}{ c c c } \hline 6 & & \\ \hline 3 & 3 & \\ \hline \end{array}$ | $\begin{array}{ c c c } \hline 8 & & \\ \hline 6 & 2 & \\ \hline \end{array}$ |
| $\begin{array}{ c c c } \hline 6 & & \\ \hline 2 & 4 & \\ \hline \end{array}$ | $\begin{array}{ c c c } \hline 8 & & \\ \hline 3 & 5 & \\ \hline \end{array}$ |
| $\begin{array}{ c c c } \hline 9 & & \\ \hline 4 & 5 & \\ \hline \end{array}$ | $\begin{array}{ c c c } \hline 5 & & \\ \hline 1 & 4 & \\ \hline \end{array}$ |

126

Match the shapes to their names.



Sphere Cone Cylinder Cuboid Pyramid Cube

Fill in the missing numbers on the number line below.

Write an E above number 48. Write an F above number 57.
Write a U above number 59. Write an N above number 63.
Write an N above number 34. Write an M above number 40.
Write a B above number 45. Write an U above number 38.
Write an R above number 51.

What does that spell? **NUMBER FUN**



Solve the following addition problems. Think "doubles plus one".

| | | | | | |
|---|---|---|--|---|---|
| $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 10 \\ +11 \\ \hline 21 \end{array}$ | $\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$ | $\begin{array}{r} 6 \\ +7 \\ \hline 13 \end{array}$ | $\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$ | $\begin{array}{r} 7 \\ +8 \\ \hline 15 \end{array}$ |
| $\begin{array}{r} 11 \\ +11 \\ \hline 22 \end{array}$ | $\begin{array}{r} 11 \\ +12 \\ \hline 23 \end{array}$ | $\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ | $\begin{array}{r} 8 \\ +8 \\ \hline 16 \end{array}$ | $\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$ |
| $\begin{array}{r} 12 \\ +12 \\ \hline 24 \end{array}$ | $\begin{array}{r} 12 \\ +13 \\ \hline 25 \end{array}$ | $\begin{array}{r} 9 \\ +9 \\ \hline 18 \end{array}$ | $\begin{array}{r} 9 \\ +10 \\ \hline 19 \end{array}$ | $\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$ | $\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$ |

127

Kitchen Lab: We're making applesauce!

You choose whether or not to actually make this recipe, but if you want to make it, please ask your mom or dad for help. You'll need to use a sharp knife and a hot stove, and your parent will help you to do that safely. You can still complete the lab pages even if you don't make the applesauce.

Here is the recipe. A recipe is like an algorithm for food. This recipe only makes enough applesauce for one person. You need to double it.

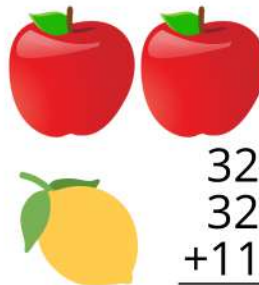
Double ingredients:

| | |
|----------|---------------------------|
| <u>4</u> | 2 apples |
| <u>6</u> | 3 Tablespoons water |
| <u>6</u> | 3 Tablespoons brown sugar |
| <u>2</u> | 1 Tablespoon lemon juice |
| <u>4</u> | 2 strips lemon peel |
| <u>2</u> | 1 teaspoon cinnamon |

Applesauce

Core and quarter the apples, but don't peel them. Simmer all of the ingredients for about 15 - 20 minutes or until apples are fork tender. Remove the lemon peel then puree the remaining ingredients until smooth. Add additional spices and/or sugar to taste.

First we have to buy two apples for 32¢ each and 1 lemon for 11¢.



$$\begin{array}{r} 32 \\ 32 \\ +11 \\ \hline 75 \end{array}$$

Draw the dimes and pennies you will need to pay for your purchase.



128

Peanut Butter Cookies

Here is my favorite recipe for peanut butter cookies. I make it all the time because it's SO easy. This recipe makes TWELVE cookies. Today I just want to make SIX cookies. Can you help me cut the ingredients in half?

Half ingredients:

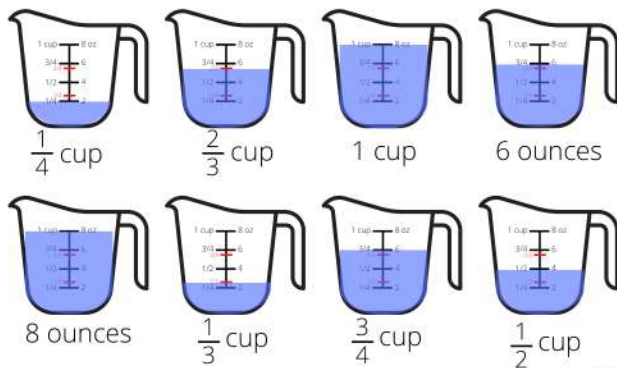
- 1
- 1
- 1

Peanut Butter Cookies

- 2 eggs
- 2 cups peanut butter
- 2 cups sugar

Cream all three ingredients together. Roll dough into six equally-sized balls, press them down with a fork, then bake at 350 degrees for eight minutes.

Use a blue crayon to "fill" each cup to the amount indicated.



Remember that these addition and subtraction problems consist of some PARTS and a WHOLE. If the problem is "Some, some more" it's an addition problem. If the problem is "Some, some go away" it's a subtraction problem. Illustrate the problem then write a number sentence for each.

Three ants found a picnic. Eight MORE ants joined them. How many ants were at the picnic?



$$3 + 8 = 11$$

Nine mice were playing in the clock. The clock struck one and three mice ran away. How many mice are still playing in the clock?



$$9 - 3 = 6$$

Max found five wild things in a tree and two wild things beneath the tree. Draw Max and the wild things. How many things attended the rumpus, including Max?



$$1 + 2 + 5 = 7$$

If there were eight things altogether, including Max, at the rumpus, how many were there after Max and two wild things left in a boat?



$$8 - 3 = 5$$

Fill in the missing numbers, then lightly color each square with an ODD number yellow. Remember that ODD numbers end in 1, 3, 5, 7 or 9.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| 131 | 121 | 122 | 134 | 135 | 126 | 127 | 138 | 139 | 129 |
| 141 | 142 | 143 | 145 | 146 | 146 | 147 | 148 | 149 | 150 |

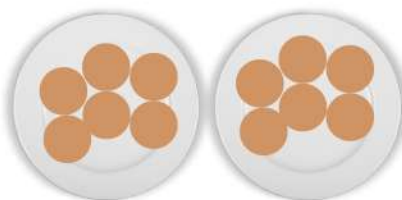
How many MORE red peppers are there than yellow peppers? 6



Draw one dozen cookies on this baking sheet.



You want to take cookies to your neighbors. Divide one dozen cookies between these two plates.



Find the value of each row of coins and write the total in the box.

| | |
|--|-----|
| | 60¢ |
| | 30¢ |
| | 6¢ |
| | 31¢ |
| | 51¢ |

Color the parts and fill in the numerators.

| | | |
|--------------------------|--------------------------|--------------------------|
| 1 part $\frac{1}{6}$ | 2 parts $\frac{2}{6}$ | 3 parts $\frac{3}{6}$ |
| 4 parts $\frac{4}{6}$ | 5 parts $\frac{5}{6}$ | 6 parts $\frac{6}{6}$ |

Using only dimes, nickels and pennies, use the FEWEST coins possible to pay for the following items. Add the items together to figure out the total cost, then draw the coins required.

21¢ + 54¢ = **75**

47¢ + 32¢ = **79**

Write ten less and ten more than each number.

- | | | |
|---------------------------|---------------------------|---------------------------|
| <u>20</u> , 30, <u>40</u> | <u>9</u> , 19, <u>29</u> | <u>34</u> , 44, <u>54</u> |
| <u>11</u> , 21, <u>31</u> | <u>11</u> , 21, <u>31</u> | <u>2</u> , 12, <u>22</u> |
| <u>44</u> , 54, <u>64</u> | <u>30</u> , 40, <u>50</u> | <u>27</u> , 37, <u>47</u> |
| <u>22</u> , 32, <u>42</u> | <u>77</u> , 87, <u>97</u> | <u>46</u> , 56, <u>66</u> |
| <u>69</u> , 79, <u>89</u> | <u>26</u> , 36, <u>46</u> | <u>18</u> , 28, <u>38</u> |
| <u>53</u> , 63, <u>73</u> | <u>15</u> , 25, <u>35</u> | <u>62</u> , 72, <u>82</u> |

You had 3 dimes and four pennies. You did some chores to earn another 8 dimes. Draw the coins. Color the pennies brown and the dimes grey.



How many dimes do you have now? 8 dimes
 How many pennies do you have now? 4 pennies
 How much money do you have altogether? 84 ¢

Find the differences.

- | | | | | | |
|--|--|---|---|--|--|
| $\begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array}$ | $\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array}$ | $\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$ | $\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$ | $\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$ | $\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$ |
| $\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$ | $\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$ | $\begin{array}{r} 10 \\ - 0 \\ \hline 10 \end{array}$ | $\begin{array}{r} 10 \\ - 10 \\ \hline 0 \end{array}$ | $\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array}$ | $\begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$ |
| $\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$ | $\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$ | $\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$ | $\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$ | $\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$ | $\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$ |
| $\begin{array}{r} 7 \\ - 7 \\ \hline 0 \end{array}$ | $\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$ | $\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$ | $\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$ | $\begin{array}{r} 6 \\ - 6 \\ \hline 0 \end{array}$ | $\begin{array}{r} 2 \\ - 0 \\ \hline 2 \end{array}$ |

Date _____

What month comes after this month? _____

Cross out one hundred cents worth of coins to trade for this dollar.



Find the sums. Circle the EVEN sums.

- | | |
|-------------------------|-------------------------|
| $6 + 1 + 2 =$ <u>9</u> | $8 + 1 + 4 =$ <u>13</u> |
| $5 + 3 + 4 =$ <u>12</u> | $3 + 3 + 4 =$ <u>10</u> |
| $7 + 2 + 5 =$ <u>14</u> | $3 + 2 + 6 =$ <u>11</u> |

Color the parts and fill in the numerators.

| | | |
|--------------------------|--------------------------|--------------------------|
| 5 parts $\frac{5}{8}$ | 3 parts $\frac{3}{8}$ | 6 parts $\frac{6}{8}$ |
| 2 parts $\frac{2}{8}$ | 7 parts $\frac{7}{8}$ | 8 parts $\frac{8}{8}$ |

Write the total value of the coins in cents.

| | |
|-------------|--------------|
| | |
| 84 ¢ | 105 ¢ |

Fill in the missing numbers, then lightly shade each square with an EVEN number yellow. Remember that even numbers end in 0, 2, 4, 6, or 8.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |

Label the fractions, then name them aloud. Remember, the DENOMINATOR (bottom) of a fraction tells you how many pieces the shape is divided into. The NUMERATOR (top) tells you how many pieces you HAVE (they're colored).

| | | |
|---------------|---------------|---------------|
| $\frac{3}{8}$ | $\frac{8}{8}$ | $\frac{4}{5}$ |
| $\frac{5}{7}$ | $\frac{2}{2}$ | $\frac{3}{4}$ |

Solve the following addition and subtraction problems. Check the signs!

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 40 \\ +10 \\ \hline 50 \end{array}$ | $\begin{array}{r} 20 \\ +30 \\ \hline 50 \end{array}$ | $\begin{array}{r} 10 \\ +10 \\ \hline 20 \end{array}$ | $\begin{array}{r} 10 \\ +30 \\ \hline 40 \end{array}$ | $\begin{array}{r} 70 \\ +10 \\ \hline 80 \end{array}$ | $\begin{array}{r} 60 \\ -30 \\ \hline 30 \end{array}$ |
| $\begin{array}{r} 50 \\ -20 \\ \hline 30 \end{array}$ | $\begin{array}{r} 80 \\ +10 \\ \hline 90 \end{array}$ | $\begin{array}{r} 90 \\ -50 \\ \hline 40 \end{array}$ | $\begin{array}{r} 70 \\ -20 \\ \hline 50 \end{array}$ | $\begin{array}{r} 80 \\ -70 \\ \hline 10 \end{array}$ | $\begin{array}{r} 90 \\ -30 \\ \hline 60 \end{array}$ |

Using only dimes, nickels and pennies, use the FEWEST coins possible to pay for the following items. Add the items together to figure out the total cost, then draw the coins required.

| | |
|---|---|
| $\begin{array}{r} 37\text{¢} \\ +62\text{¢} \\ \hline 99 \end{array}$ | $\begin{array}{r} 54\text{¢} \\ +35\text{¢} \\ \hline 89 \end{array}$ |
| | |

137

Date _____ **ANSWERS WILL VARY**
 What day of the week will it be tomorrow? _____

Draw lines to match the values of the coins.

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |

Red lines connect Box 1 to Box 10, Box 2 to Box 9, Box 3 to Box 8, Box 4 to Box 7, and Box 5 to Box 6.

What time is shown on these clocks? Write the time on the digital clock below.

| | | |
|---------|---------|---------|
| | | |
| $03:45$ | $03:02$ | $03:31$ |

138

First, circle as many groups of one hundred cents as possible. Write the number of hundreds in the box below. Then circle as many groups of tens as possible and write the tens in the box below. Write the remaining ones in the ones box below.

| | | | | | | | | | | | | | |
|--|----------|------|------|---|---|---|--|----------|------|------|---|---|---|
| <table border="1"> <tr> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> </tr> <tr> <td>2</td> <td>7</td> <td>8</td> </tr> </table> | Hundreds | Tens | Ones | 2 | 7 | 8 | <table border="1"> <tr> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> </tr> <tr> <td>4</td> <td>1</td> <td>6</td> </tr> </table> | Hundreds | Tens | Ones | 4 | 1 | 6 |
| Hundreds | Tens | Ones | | | | | | | | | | | |
| 2 | 7 | 8 | | | | | | | | | | | |
| Hundreds | Tens | Ones | | | | | | | | | | | |
| 4 | 1 | 6 | | | | | | | | | | | |

Color the parts and fill in the numerators.

| | | |
|--------------------------|--------------------------|--------------------------|
| 2 parts $\frac{2}{7}$ | 6 parts $\frac{6}{7}$ | 5 parts $\frac{5}{7}$ |
| 4 parts $\frac{4}{7}$ | 3 parts $\frac{3}{7}$ | 7 parts $\frac{7}{7}$ |

139

Solve the following addition and subtraction problems. Check the signs!

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 10 \\ -10 \\ \hline 0 \end{array}$ | $\begin{array}{r} 11 \\ +2 \\ \hline 13 \end{array}$ | $\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$ | $\begin{array}{r} 78 \\ -11 \\ \hline 67 \end{array}$ | $\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$ | $\begin{array}{r} 45 \\ -34 \\ \hline 11 \end{array}$ |
| $\begin{array}{r} 15 \\ +4 \\ \hline 19 \end{array}$ | $\begin{array}{r} 93 \\ -72 \\ \hline 21 \end{array}$ | $\begin{array}{r} 67 \\ -55 \\ \hline 12 \end{array}$ | $\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$ | $\begin{array}{r} 95 \\ -43 \\ \hline 52 \end{array}$ | $\begin{array}{r} 8 \\ +3 \\ \hline 11 \end{array}$ |
| $\begin{array}{r} 13 \\ -12 \\ \hline 1 \end{array}$ | $\begin{array}{r} 17 \\ -1 \\ \hline 16 \end{array}$ | $\begin{array}{r} 9 \\ -9 \\ \hline 0 \end{array}$ | $\begin{array}{r} 87 \\ -65 \\ \hline 22 \end{array}$ | $\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$ | $\begin{array}{r} 48 \\ -26 \\ \hline 22 \end{array}$ |
| $\begin{array}{r} 14 \\ +15 \\ \hline 29 \end{array}$ | $\begin{array}{r} 10 \\ -1 \\ \hline 9 \end{array}$ | $\begin{array}{r} 6 \\ -3 \\ \hline 3 \end{array}$ | $\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$ | $\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$ | $\begin{array}{r} 17 \\ -14 \\ \hline 3 \end{array}$ |
| $\begin{array}{r} 31 \\ -10 \\ \hline 21 \end{array}$ | $\begin{array}{r} 34 \\ +22 \\ \hline 56 \end{array}$ | $\begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array}$ | $\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array}$ | $\begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array}$ | $\begin{array}{r} 12 \\ +13 \\ \hline 25 \end{array}$ |
| $\begin{array}{r} 72 \\ -61 \\ \hline 11 \end{array}$ | $\begin{array}{r} 12 \\ +23 \\ \hline 35 \end{array}$ | $\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$ | $\begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array}$ | $\begin{array}{r} 59 \\ -31 \\ \hline 28 \end{array}$ | $\begin{array}{r} 86 \\ -33 \\ \hline 53 \end{array}$ |
| $\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$ | $\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$ | $\begin{array}{r} 64 \\ -23 \\ \hline 41 \end{array}$ | $\begin{array}{r} 9 \\ +10 \\ \hline 19 \end{array}$ | $\begin{array}{r} 56 \\ -41 \\ \hline 15 \end{array}$ | $\begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array}$ |

140

You want to hold your birthday party on the most popular day of the week. But you aren't sure what everyone's favorite day of each week is. Survey your family members and friends and ask them. Make a tally mark for each vote.

| Day | Tally Marks | Total Votes |
|-----------|-------------|-------------|
| Sunday | | |
| Monday | | |
| Tuesday | | |
| Wednesday | | |
| Thursday | | |
| Friday | | |
| Saturday | | |

Record the data you collected at the left in the bar graph below. Color each day's bar a different color. Which day of the week is the most popular?



Which day is the LEAST popular? _____

How many MORE votes did the MOST popular day get than the LEAST popular? _____

How do you know how many people voted? _____

Complete these Fact Families.

8 whole

2 part part 6

$$\begin{array}{r} 2 + 6 = 8 \\ 6 + 2 = 8 \\ 8 - 6 = 2 \\ 8 - 2 = 6 \end{array}$$

8 whole

5 part part 3

$$\begin{array}{r} 3 + 5 = 8 \\ 5 + 3 = 8 \\ 8 - 5 = 3 \\ 8 - 3 = 5 \end{array}$$

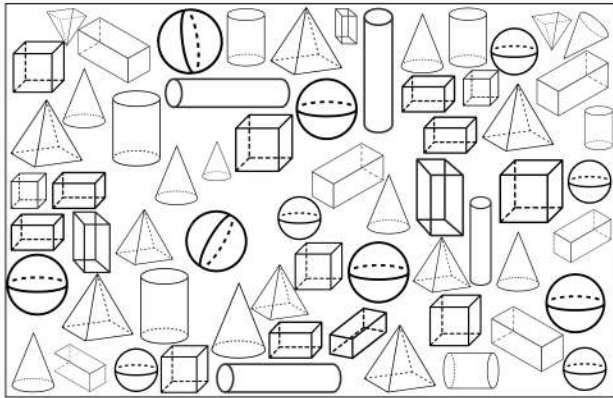
8 whole

4 part part 4

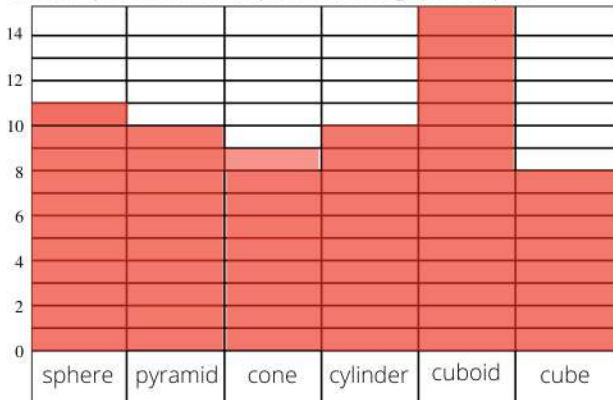
$$\begin{array}{r} 4 + 4 = 8 \\ 4 + 4 = 8 \\ 8 - 4 = 4 \\ 8 - 4 = 4 \end{array}$$

Find the sums and differences.

| | | | | | |
|--|--|---|---|--|---|
| $\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$ | $\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$ | $\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$ | $\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$ | $\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$ | $\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$ |
| $\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$ | $\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$ | $\begin{array}{r} 4 \\ - 0 \\ \hline 4 \end{array}$ | $\begin{array}{r} 10 \\ - 10 \\ \hline 0 \end{array}$ | $\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$ | $\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$ |
| $\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$ | $\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$ | $\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$ | $\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$ | $\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$ | $\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$ |
| $\begin{array}{r} 9 \\ - 9 \\ \hline 0 \end{array}$ | $\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$ | $\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$ | $\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$ | $\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$ | $\begin{array}{r} 3 \\ + 0 \\ \hline 3 \end{array}$ |



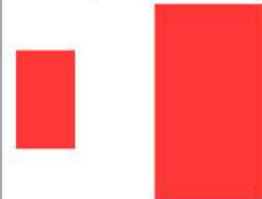
Color one space for each 3D shape to make a bar graph of shapes.



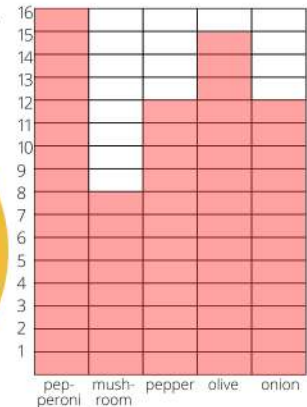
Trace the longest line red. Trace the shortest line blue.



Draw a small rectangle on the left. Draw a large rectangle on the right.



You love pizza and you LOVE numbers. You like to count your pizza toppings and arrange them in a bar graph.



Write three things you can learn from your graph.







Complete these Fact Families.

| | | |
|---|---|---|
| <p>9 whole</p> <p>2 part part 7</p> $2 + 7 = 9$ $7 + 2 = 9$ $9 - 2 = 7$ $9 - 7 = 2$ | <p>9 whole</p> <p>5 part part 4</p> $4 + 5 = 9$ $5 + 4 = 9$ $9 - 4 = 5$ $9 - 5 = 4$ | <p>9 whole</p> <p>6 part part 3</p> $3 + 6 = 9$ $6 + 3 = 9$ $9 - 3 = 6$ $9 - 6 = 3$ |
|---|---|---|









Number each clock face, then draw the hands to show:

| | | |
|--|---|--|
| <p>Half past one</p>  | <p>Quarter before two</p>  | <p>Two o'clock</p>  |
|--|---|--|









Label the fractions, then name them aloud. Remember, the DENOMINATOR (bottom) of a fraction tells you how many pieces the shape is divided into. The NUMERATOR (top) tells you how many pieces you HAVE.

| | | |
|--|--|--|
|  |  |  |
| $\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{4}{5}$ |
|  |  |  |
| $\frac{5}{5}$ | $\frac{1}{5}$ | $\frac{2}{5}$ |

Draw a line to match the type of measurement with the correct tool.

| | | | |
|---|---|---|---|
| Temperature | Capacity | Length | Weight |
|  |  |  |  |
|  |  |  |  |

Color the coins needed to buy each toy.

| | |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |

Draw a dozen **pairs** of shoes. How many shoes did you draw?

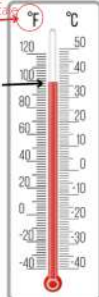


24

Find the sums and differences.

| | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| $9 - 2 = 7$ | $3 + 2 = 5$ | $3 + 3 = 6$ | $5 + 4 = 9$ | $6 - 5 = 1$ | $9 - 3 = 6$ |
| $2 + 4 = 6$ | $8 - 4 = 4$ | $1 + 5 = 6$ | $6 - 3 = 3$ | $7 + 2 = 9$ | $9 - 9 = 0$ |
| $7 - 5 = 2$ | $2 + 2 = 4$ | $3 - 3 = 0$ | $8 - 6 = 2$ | $6 - 3 = 3$ | $5 + 3 = 8$ |
| $3 - 2 = 1$ | $6 - 4 = 2$ | $4 - 3 = 1$ | $5 + 2 = 7$ | $6 + 3 = 9$ | $4 + 3 = 7$ |

The thermometer on the left shows normal human temperature, 98.6 F. Color the middle thermometer to show the temperature of the COLD water from your tap and the right thermometer to show the temperature of your HOT water.

We use the Fahrenheit scale.

| | | |
|--|---|---|
|  <p>98.6 F</p> |  |  |
|--|---|---|

Math About Me

Follow all of these instructions and write the information on the following page. Remember to use units!

- Add hair to the stick figure and color it to make it look like YOU!
- Ask someone in your family to use a pencil and mark your height on the wall, then use the tape measure to see how TALL you are in inches. Your HEIGHT is a LENGTH.
- Now use a RULER to measure your height, using that same mark. Find your height in inches only. Did you get the same answer? Which tool was easier, the ruler or the tape measure?
- Use the ruler to measure the length of your foot.
- Measure your waist with a soft tape measure.
- Measure your head circumference. Circumference means the DISTANCE AROUND something.
- Measure the length of your arm. Just for fun, measure your other arm and see if they match.
- Weigh yourself. Remember to include the units when you write your weight on the next page.
- Take your temperature and write it on the next page. Be sure to include the units in degrees fahrenheit.

head circumference _____ **Math About Me**

arm length _____ height _____

waist _____

temperature _____

weight _____ foot length _____

153

Remember these measurement rules:

1. Choose the best tool for the job.
2. Always start at zero
3. Don't overlap OR leave spaces.
4. Measure ALL the way to the end.

What length are the following items? Use inches and write the units.

pencil 10 screwdriver 11 screw 2 marker 9

154

Date _____

What will be the date next Sunday? _____

Draw lines to match the values of the coins.

Solve the following addition and subtraction problems. Check the signs!

| | | | | | |
|---|---|---|---|---|---|
| $\begin{array}{r} 40 \\ -10 \\ \hline 30 \end{array}$ | $\begin{array}{r} 40 \\ +30 \\ \hline 70 \end{array}$ | $\begin{array}{r} 10 \\ +50 \\ \hline 60 \end{array}$ | $\begin{array}{r} 20 \\ +20 \\ \hline 40 \end{array}$ | $\begin{array}{r} 70 \\ -50 \\ \hline 20 \end{array}$ | $\begin{array}{r} 60 \\ +10 \\ \hline 70 \end{array}$ |
|---|---|---|---|---|---|

Color the parts and fill in the numerators.

| | | |
|-------------------------|--------------------------|--------------------------|
| 1 part $\frac{1}{3}$ | 2 parts $\frac{2}{3}$ | 3 parts $\frac{3}{3}$ |
|-------------------------|--------------------------|--------------------------|

155







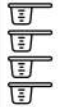



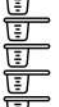







Liquid Measurement

1. Use a 1 cup measure to fill this 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? **4 cups**
2. Carefully measure 1 cup of water and add it to the gallon jug or pitcher. Repeat, 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? **16 cups**
How many cups are in 1 quart? (from #1) **4 cups**
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 if 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 you have a gallon.
 How many quarts are in a gallon? **4 cups**
4. Draw your experiment.

156

Compare the amounts on the left and right. Draw the correct comparison symbol (<, >, =) between them. Remember the "shark jaw" always wants to eat the largest amount.

 = 1 cup

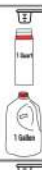




| | | |
|---|---|---|
|  >  |  <  |  =  |
|  =  |  <  |  >  |
|  =  |  <  |  =  |

Write ONE less and ONE more than each number.







| | | |
|---------------------------|---------------------------|----------------------------|
| <u>19</u> , 20, <u>21</u> | <u>78</u> , 79, <u>80</u> | <u>23</u> , 24, <u>25</u> |
| <u>29</u> , 31, <u>32</u> | <u>80</u> , 81, <u>82</u> | <u>31</u> , 32, <u>33</u> |
| <u>63</u> , 64, <u>65</u> | <u>39</u> , 40, <u>41</u> | <u>16</u> , 17, <u>18</u> |
| <u>31</u> , 32, <u>33</u> | <u>86</u> , 87, <u>88</u> | <u>45</u> , 46, <u>47</u> |
| <u>88</u> , 89, <u>90</u> | <u>95</u> , 96, <u>97</u> | <u>57</u> , 58, <u>59</u> |
| <u>52</u> , 53, <u>54</u> | <u>14</u> , 15, <u>16</u> | <u>98</u> , 99, <u>100</u> |

157

Estimate the amount of liquid each of these containers hold. Is it closer to one cup, one quart or one gallon? Circle the closest estimate.

| | | | | | |
|---|--|---|---|---|---|
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Look at these jars and estimate the number of candies inside. Do you think the amount is closer to 10, 50 or 100? Why?

| | | | | | |
|--|-----------------|--|-----------------|--|-----------------|
|  | 10 50 100 |  | 10 50 100 |  | 10 50 100 |
|  | 10 50 100 |  | 10 50 100 |  | 10 50 100 |

158



The gigantic bucket of popcorn to the left has about 500 pieces of popcorn. Write the number of pieces of popcorn you estimate each of the other containers will hold. Why?



answers may vary

Solve the following addition and subtraction problems. Check the signs!

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 30 | 30 | 10 | 20 | 80 | 70 |
| -10 | +30 | +70 | +40 | +10 | -40 |
| <u>20</u> | <u>60</u> | <u>80</u> | <u>60</u> | <u>90</u> | <u>30</u> |
| 50 | 70 | 90 | 90 | 80 | 60 |
| -30 | +10 | -50 | -20 | -40 | -60 |
| <u>20</u> | <u>80</u> | <u>40</u> | <u>70</u> | <u>40</u> | <u>0</u> |









You earned 5 dimes and eight pennies washing dishes for your sister. You earned 4 more dimes folding laundry. Draw the coins. Color the pennies brown and the dimes grey.

How many dimes do you have now? 9 dimes
 How many pennies do you have now? 8 pennies
 How much money do you have altogether? 98 ¢

159

Date _____
 What will be the date tomorrow? _____
 How many Sundays are in this month? _____
 What is the date of the last Sunday of this month? _____
 What is the date of the first Sunday of next month? _____

Draw lines to match the polygons across all three columns.

| | | |
|----------|---|---------------|
| 5 sides |  | Hexagon |
| 8 sides |  | Quadrilateral |
| 10 sides |  | Octagon |
| 7 sides |  | Triangle |
| 4 sides |  | Decagon |
| 9 sides |  | Pentagon |
| 3 sides |  | Nonagon |
| 6 sides |  | Heptagon |

160

Sort out the jumbled up Greek prefixes.

oatc octa eaxh hexa
 hatpe hepta eanpt penta
 attr tetra eadc deca
 nnoa nona

Write the names of your family members on the blanks beneath each column, then count the number of letters in that name and graph them on the bar graph below.



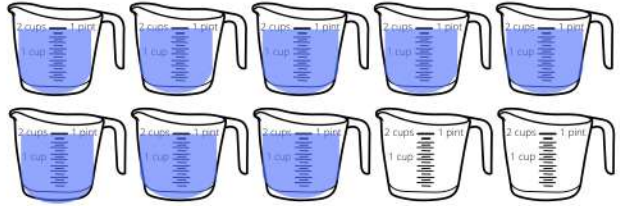
Write three things you can learn from your graph.

Date _____
ANSWERS WILL VARY
 What is the next holiday? _____
 What is the date of the next holiday? _____

Draw lines to match each quadrilateral to its most specific name.



You have one gallon of water. Use a blue crayon to "fill" as many of these containers as you can before you run out of water. Use all of the water.



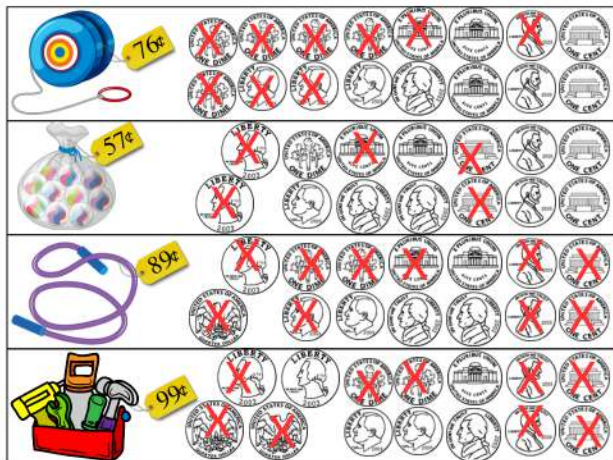
Number each clock face, then draw the hands to show:



Write each quadrilateral term twice.

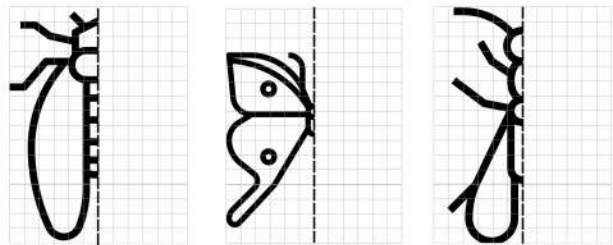
 square
 rectangle
 rhombus
 trapezoid
 parallelogram

Color the coins needed to buy each toy.



Date _____
ANSWERS WILL VARY
 How many days are there in this month? _____
 What is the date of the last day of this month? _____

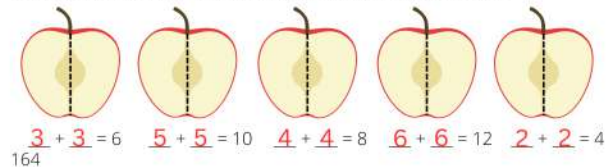
Finish the insect drawings around the line of symmetry.



Practice writing each of your new, big, fancy words twice!

symmetry
 congruent
 quadrilateral

Draw seeds in these apples so that both sides are symmetrical, illustrating DOUBLES addition facts. Then complete the number sentences.



Draw lines to match the polygons across all three columns.

9 sides



Trapezoid

4 sides



Decagon

8 sides



Rectangle

4 sides



Octagon

10 sides



Triangle

5 sides



Parallelogram

7 sides



Pentagon

4 sides



Rhombus

4 sides



Nonagon

3 sides



Heptagon

6 sides



Square

4 sides



Hexagon

Draw a line of symmetry through each shape below, then color one half.



165

Date _____

What is the date of next Tuesday? _____

What length are the following items? Use inches and write the units.



pen 10



candy 2 1/2

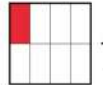


fork 9



spatula 12

Label the fractions, then name them aloud. Remember, the DENOMINATOR (bottom) of a fraction tells you how many pieces the shape is divided into. The NUMERATOR (top) tells you how many pieces you HAVE.



$\frac{1}{8}$



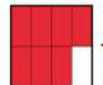
$\frac{2}{8}$



$\frac{3}{8}$



$\frac{4}{8}$



$\frac{7}{8}$



$\frac{6}{8}$



$\frac{8}{8}$



$\frac{5}{8}$

166

Answer Key to Geometry Riddles

Use your quadrilateral identification chart to answer the following questions:

What do all squares, parallelograms, rectangles, rhombuses and trapezoids have in common? (they all have 4 sides)

I have six sides. (hexagon)

Which TWO quadrilaterals have 4 congruent sides (sides are all the same length)? (square, rhombus)

What did the triangle say to the circle? (You're pointless)

I have four sides. None of them are congruent. (quadrilateral)

I have ten sides. (decagon)

I am a quadrilateral, all of my sides are congruent, I have no right angles, and I have two pairs of parallel sides. (rhombus)

I am a quadrilateral with four right angles and 4 congruent sides. (square)

I have five sides. (pentagon)

I have four sides and two pairs of parallel sides, opposite each other. None of my adjacent sides are perpendicular or congruent. (parallelogram)

I am a polygon with three angles and three sides. (triangle)

What's a polygon? (A dead parrot)

I'm the Greek prefix for eight. (octa)

I have four sides but only two of them are parallel, and the parallel sides are not congruent. (trapezoid)

I have seven sides. (heptagon)

I have four sides. Two of my pairs of opposite side are congruent and parallel. My adjacent sides are perpendicular to each other. (rectangle)

I'm a shape with nine sides. (nonagon)

Which two quadrilaterals have four right angles? (rectangle and square)

Name four quadrilaterals with opposite sides that are parallel and congruent. (square, rectangle, parallelogram, rhombus)

What kind of trees are mirror images? (symmetries)

167

Happy pi day! You invited your fifteen best friends over for some pie. If you want everyone (including yourself) to get one piece, how many pieces do you need to cut each pie into? Use lines to divide the pies below into the right number of pieces.



Write the correct comparison symbol in each circle. Then read each number sentence aloud to your mom or dad. Remember to "eat" the larger number.

4 < 5

8 > 2

3 = 3

2 > 1

5 < 6

8 > 4

7 > 5

6 = 6

10 > 9

Trace the existing numbers and fill in the missing numbers.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |

168



1. Color the second animal.
2. Which animal is seventh? **ape**
3. Draw a superhero cape on the fourth animal.
4. Color the third animal pink and add long, curly hair.
5. Disguise the seventh animal as a turkey.
6. Draw a mustache and black top hat on the tenth animal.
7. Disguise the first animal as a dinosaur.
8. Which animal is fifth? **lion**
9. Make the fourth animal look scary.
10. Color the eighth animal.
11. Draw pajamas on the ninth animal.
12. Disguise the sixth animal as your grandma.

ANSWERS MAY VARY

Date: _____
 What is the next holiday? _____
 What is the date of the next holiday? _____

Use your 'Skip Counting' book to help you count by 3's.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 | 60 |

Draw lines to match all three columns:

| | | |
|-----------------------------|--|-----|
| One hundred thirty-seven | | 378 |
| One hundred eighty | | 257 |
| Two hundred fifty-seven | | 180 |
| One hundred twenty-five | | 265 |
| One hundred fifty-two | | 371 |
| Three hundred seventy-one | | 152 |
| Two hundred sixty-five | | 137 |
| Three hundred seventy-eight | | 125 |

Skip count by 3's to fill in the missing numbers.

- 15, 18, 21, 24, 27 3, 6, 9, 12, 15
 9, 12, 15, 18, 21 12, 15, 18, 21, 24
 15, 18, 21, 24, 27 18, 21, 24, 27, 30

What time is shown on these clocks? Write your answers below.

| | | | |
|--------------|--------------|--------------|--------------|
| | | | |
| 09:08 | 09:28 | 09:42 | 09:57 |

Color the coins needed to buy each ball.

| | |
|--|--|
| | |
| | |
| | |

ANSWERS MAY VARY

Date: _____
 What day of the week is it? _____
 What is the season? _____

Use your 'Skip Counting' book to help you count by 9's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |

The clocks in the second column show the current time. Draw hands on the clocks in the other columns to show quarter before, quarter after and half past.

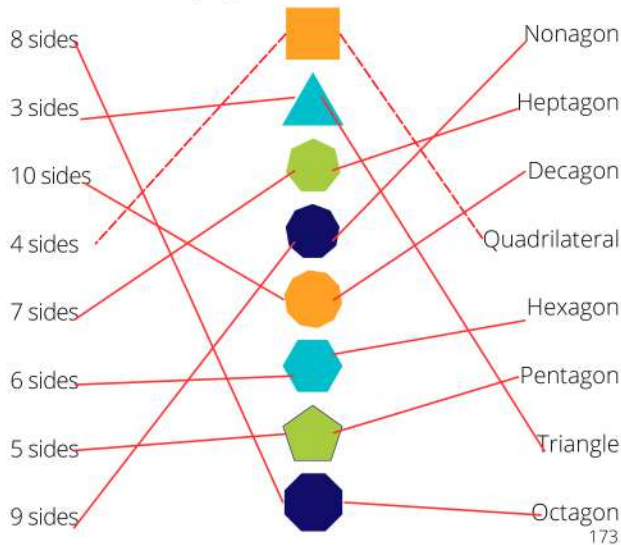
| | | | |
|-----------------------|---------------------|----------------------|------------------|
| Quarter Before | Current Time | Quarter After | Half Past |
| | | | |
| | | | |
| | | | |

Skip count by 9's to fill in the missing numbers.

9, 18, 27, 36 27, 36, 45, 54
 45, 54, 63, 72 45, 54, 63, 72
 54, 63, 72, 81 18, 27, 36, 45

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |

Draw lines to match the polygons across all three columns.



ANSWERS MAY VARY

Date: _____
 How many days are there in this month? _____
 What is the date of the last day of this month? _____

Use your 'Skip Counting' book to help you count by 3's.

| | | | | | | | | | |
|---|---|---|----|----|----|----|----|----|----|
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
|---|---|---|----|----|----|----|----|----|----|

Use your 'Skip Counting' book to help you count by 9's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
|---|----|----|----|----|----|----|----|----|----|

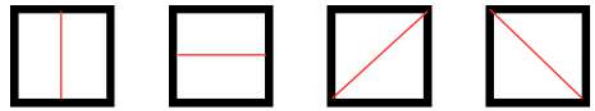
Use your 'Skip Counting' book to help you count by 5's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|----|----|----|----|----|----|----|----|----|

Use your 'Skip Counting' book to help you count by 10's.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|----|----|----|----|----|----|----|----|----|-----|

Draw a different line of symmetry through each square below.



Draw lines to match each quadrilateral to its most specific name.

rectangle rhombus trapezoid square parallelogram

Use your 'Skip Counting' book to help you count by 4's.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 44 | 48 | 52 | 56 | 60 | 64 | 68 | 72 | 76 | 80 |

Skip count by 4's to fill in the missing numbers.

4, 8, 12, 16, 20 12, 16, 20, 24, 28
 16, 20, 24, 28, 32 4, 8, 12, 16, 20,
 8, 12, 16, 20, 24 20, 24, 28, 32, 36

List the months of the year:

January, February, March, April, May,
 June, July, August, September, October,
November, December

You have two gallons of water. Use a blue crayon to "fill" as many of these containers as you can before you run out of water. Use all of the water.



Complete the following number puzzles by figuring out the missing numbers. Be careful! These puzzles are tricky! Each is a fragment of the hundreds chart.

| | | |
|----|----|----|
| 7 | 8 | 9 |
| 17 | 18 | 19 |
| 27 | 28 | 29 |
| 37 | 38 | 39 |
| 47 | 48 | 49 |
| 57 | 58 | 59 |

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 11 | 12 | 13 | 14 |

| | | | |
|----|----|----|----|
| 75 | 76 | 77 | 78 |
| 85 | 86 | 87 | 88 |
| 95 | 96 | 97 | 98 |

| | |
|----|----|
| 21 | 22 |
| 31 | 32 |
| 41 | 42 |
| 51 | 52 |

| | | | | |
|----|----|----|----|----|
| 42 | 43 | 44 | 45 | 46 |
| 52 | 53 | 54 | 55 | 56 |
| 62 | 63 | 64 | 65 | 66 |
| 72 | 73 | 74 | 75 | 76 |

| | | | | | | | |
|----|----|----|----|----|----|----|-----|
| 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Date _____

Use your 'Skip Counting' book to help you count by 8's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
|---|----|----|----|----|----|----|----|----|----|

Skip count by 8's to fill in the missing numbers.

8, 16, 24, 32, 40 24, 32, 40, 48, 56
 24, 32, 40, 48, 56 40, 48, 56, 64, 72
 48, 56, 64, 72, 80 48, 56, 64, 72, 80

What length are the following crayons? Use inches and write the units.

orange 6
 red 3
 blue 4 1/2
 yellow 2
 green 5 1/2

Total each side, then write the correct comparison symbol in each circle. Remember to "eat" the larger number.

$4 + 5 > 5 + 3$ $8 - 1 > 3 + 3$
 $9 - 4 = 1 + 4$ $2 + 5 < 4 + 4$
 $2 + 6 > 3 + 2$ $4 + 0 = 7 - 3$
 $5 + 5 = 3 + 7$ $7 - 0 > 6 - 4$

What numbers do these base ten blocks represent?

152 153 154
 150 257 376

Label the fractions, then name them aloud. Remember, the DENOMINATOR (bottom) of a fraction tells you how many pieces the shape is divided into. The NUMERATOR (top) tells you how many pieces you HAVE.

$\frac{2}{9}$ $\frac{3}{9}$ $\frac{4}{9}$ $\frac{5}{9}$
 $\frac{6}{9}$ $\frac{7}{9}$ $\frac{8}{9}$ $\frac{9}{9}$

Date _____

Use your 'Skip Counting' book to help you count by 6's.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 66 | 72 | 78 | 84 | 90 | 96 | | | | |

Skip count by 6's to fill in the missing numbers.

6, 12, 18, 24, 30 18, 24, 30, 36, 42
 6, 12, 18, 24, 30 24, 30, 36, 42, 48
 18, 24, 30, 36, 42 12, 18, 24, 30, 42

Use your 'Skip Counting' book to help you count by 3's.

| | | | | | | | | | |
|---|---|---|----|----|----|----|----|----|----|
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
|---|---|---|----|----|----|----|----|----|----|

Label the members of this family with ordinal numbers two ways:

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

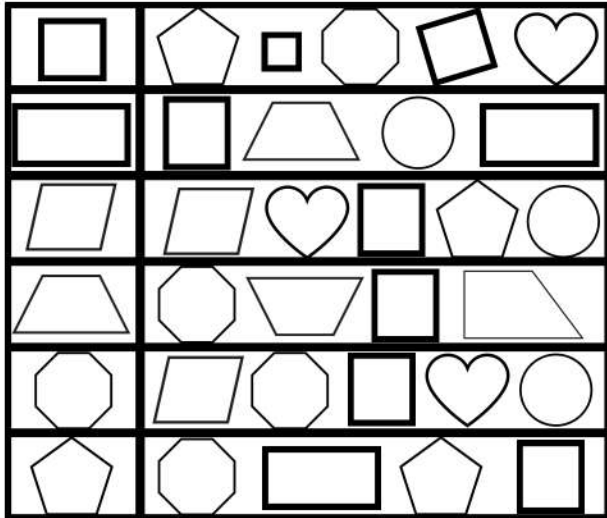
Use two perpendicular lines to divide each of the circles below into equal fourths, then color them to match the fraction below.

$\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$

Color ALL of the shapes that match the term on the left.

| | |
|---------------|--|
| parallelogram | |
| quadrilateral | |
| rhombus | |
| trapezoid | |
| rectangle | |
| square | |

Congruent shapes are the same size and shape. Color the shape on the right that is congruent to the shape on the left.



Trace the existing numbers and fill in the missing numbers. Color all of the spaces of the ODD numbers yellow.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |

ANSWERS MAY VARY

Date: _____

What is the date tomorrow? _____

What was the date yesterday? _____

Use your 'Skip Counting' book to help you count by 7's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |

Skip count by 7's to fill in the missing numbers.

7, 14, 21, 28, 35 21, 28, 35, 42, 49
 14, 21, 28, 35, 42 21, 28, 35, 42, 49
 35, 42, 49, 56, 63 21, 28, 35, 42, 49

Use your 'Skip Counting' book to help you count by 3's.

| | | | | | | | | | |
|---|---|---|----|----|----|----|----|----|----|
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
|---|---|---|----|----|----|----|----|----|----|

Use your 'Skip Counting' book to help you count by 9's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
|---|----|----|----|----|----|----|----|----|----|

Use your 'Skip Counting' book to help you count by 5's.

| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|----|----|----|----|----|----|----|----|----|

Use your 'Skip Counting' book to help you count by 10's.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|----|----|----|----|----|----|----|----|----|-----|

In the maze on the left, put your pencil on the paper, starting at 2 and find your way through the maze, counting by 2's, never letting your pencil leave the paper. Then do the same in the maze on the right, starting at 3 and counting by 3's.

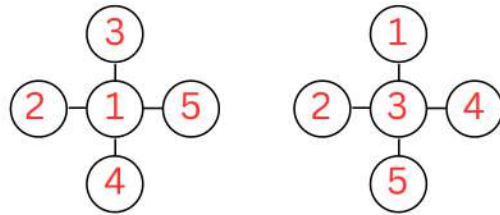
| | | | | | |
|----|----|----|----|----|----|
| 6 | 4 | 2 | 84 | 82 | 80 |
| 8 | 10 | 36 | 38 | 76 | 78 |
| 14 | 12 | 34 | 40 | 74 | 72 |
| 16 | 30 | 32 | 42 | 68 | 70 |
| 18 | 28 | 46 | 44 | 66 | 64 |
| 20 | 26 | 48 | 54 | 56 | 62 |
| 22 | 24 | 50 | 52 | 58 | 60 |

| | | | |
|----|----|----|----|
| 78 | 75 | 72 | 69 |
| 81 | 84 | 63 | 66 |
| 6 | 9 | 60 | 57 |
| 3 | 12 | 51 | 54 |
| 18 | 15 | 48 | 45 |
| 21 | 30 | 33 | 42 |
| 24 | 27 | 36 | 39 |

| count by | SKIP COUNTING | | | | | | | | | |
|----------|---------------|----|----|----|----|----|----|----|----|-----|
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

Addition Puzzles

This is a fun addition puzzle! Number each circle in the puzzle below 1 - 5, using each number once, so that the SUM of three circles in each direction, vertical and horizontal, is the same. Use a pencil so you can erase. Can you do it two different ways?

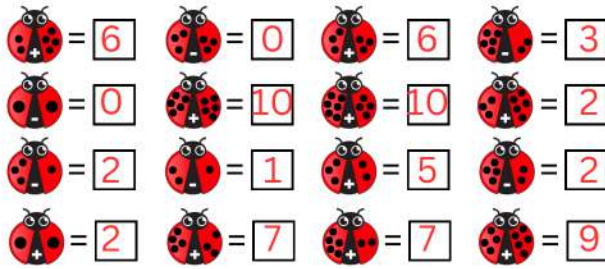


Operations Puzzles

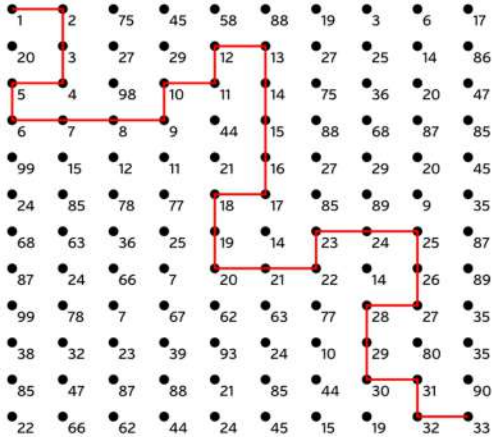
We call math symbols like + and - operators. Place an operators in each orange circle below to make each number sentence true.

| | |
|-----------------------------|-----------------------------|
| $5 \oplus 4 = 9$ | $2 \ominus 2 = 0$ |
| $5 \ominus 4 = 1$ | $2 \oplus 2 = 4$ |
| $1 \oplus 1 = 2$ | $8 \oplus 5 = 13$ |
| $1 \ominus 1 = 0$ | $8 \ominus 5 = 3$ |
| $3 \oplus 2 \oplus 1 = 6$ | $7 \oplus 4 \oplus 3 = 14$ |
| $3 \ominus 2 \ominus 1 = 0$ | $7 \ominus 4 \oplus 3 = 6$ |
| $3 \oplus 2 \ominus 1 = 4$ | $7 \ominus 4 \ominus 3 = 0$ |
| $3 \ominus 2 \oplus 1 = 2$ | $7 \oplus 4 \ominus 3 = 8$ |

Add or subtract the dots on each ladybug and write the total in the box.

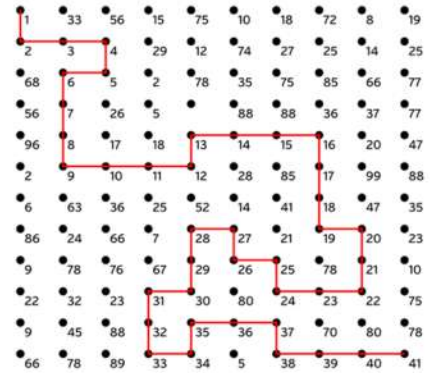
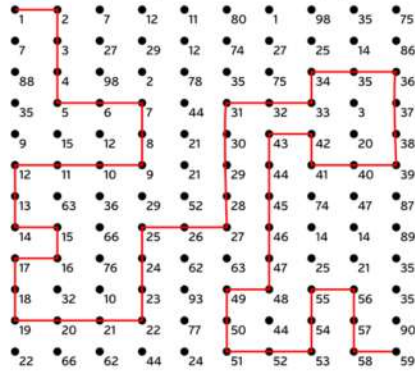


Put your pencil on the page at number one and leave it on the paper as you find your way through the maze, counting by 1's.



185

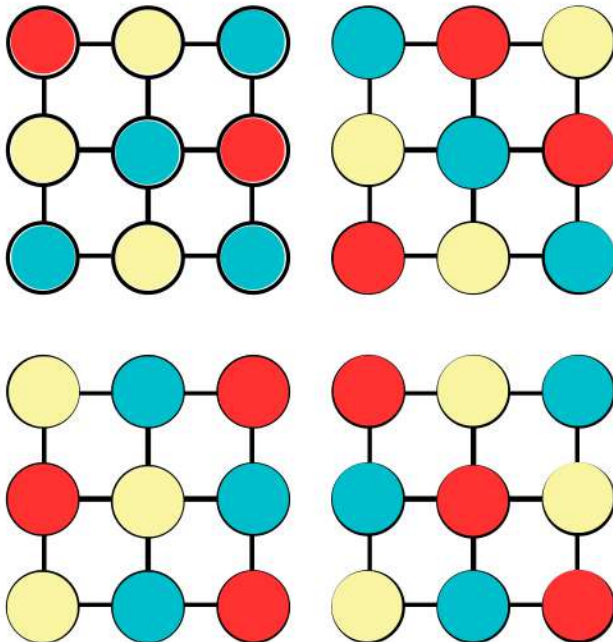
Put your pencil on the page at number one and leave it on the paper as you find your way through the maze, counting by 1's. Complete both mazes.



186

MARBLES PUZZLE

Let's play a marble game. Color each of these marbles either red, yellow or blue so that none of the adjoining marbles are the same color. Can you find FOUR different ways to arrange the marbles?






187

Two Truths & A Lie

Circle the lies from the math sentences below. Each group of three has one lie.

- 1) $5 + 5 = 10$ 1) $2 + 5 = 7$
 2) $7 - 3 = 10$ 2) $1 - 1 = 0$
 3) $6 + 4 = 10$ 3) $2 + 4 = 8$







Circle the statement below that is a lie.

- 1) The pizza is cut into thirds. 
 2) The cookie is cut in half. 
 3) The pie is cut into eighths. 

Circle the lie from the math sentences below.

- 1) $3 + 3 = 8 - 2$ 1) $3 + 7 = 5 + 5$
 2) $5 - 3 = 1 + 1$ 2) $2 + 8 = 4 + 4$
 3) $8 + 2 = 7 + 4$ 3) $8 - 4 = 2 + 2$

Circle the lies from the math sentences below. Each group has one lie.

- 1)  1) 
 2)  2) 
 3)  3) 

188

Counting Pattern Puzzles

Figure out the counting pattern in each line, whether you are counting by 1's or skip counting, then fill in the missing numbers of each counting pattern below. Use your skip counting book and hundreds chart if you need to.

18 19 20 21 22 23 24 25 26 27

2 4 6 8 10 12 14 16 18 20

8 16 24 32 40 48 56 64 72 80

97 98 99 100 101 102 103 104 105 106

5 10 15 20 25 30 35 40 45 50

3 6 9 12 15 18 21 24 27 30

10 20 30 40 50 60 70 80 90 100

7 14 21 28 35 42 49 56 63 70

9 18 27 36 45 54 63 72 81 90

6 12 18 24 30 36 42 48 54 60

4 8 12 16 20 24 28 32 36 40

Animal Math Puzzles

$$\text{turtle} + \text{turtle} = 4$$

$$\text{turtle} = 2$$

$$\text{lion} + \text{lion} + \text{turtle} = 8$$

$$\text{lion} = 3$$

$$\text{pig} + \text{lion} + \text{turtle} = 11$$

$$\text{pig} = 6$$

$$\text{lion} + \text{pig} + \text{penguin} = 10$$

$$\text{penguin} = 1$$

$$\text{giraffe} + \text{giraffe} + \text{giraffe} = 15$$

$$\text{giraffe} = 5$$

$$\text{penguin} + \text{penguin} + \text{penguin} = 3$$

$$\text{lion} + \text{lion} + \text{lion} + \text{penguin} = 10$$

$$\text{pig} + \text{pig} + \text{turtle} + \text{turtle} + \text{turtle} = 18$$

$$\text{turtle} + \text{lion} + \text{penguin} + \text{giraffe} + \text{pig} = 17$$