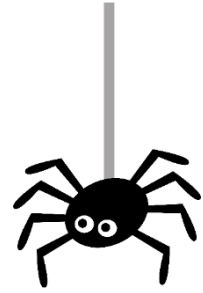


Halloween Puzzle - Sheet 1



Find the number that each picture represents.

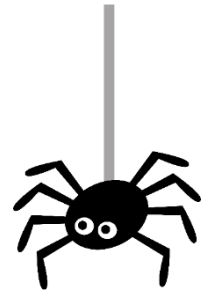
Each row adds up to the total at the end of the row.

Each column adds up to the total at the top of the column.

23	8	32	24	
				24
				12
				29
				22

Write your answers under each picture.














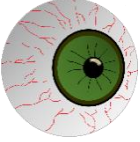


Halloween Puzzle - Sheet 2




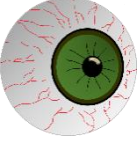



Find the number that each picture represents.

Each row adds up to the total at the end of the row.

Each column adds up to the total at the top of the column.

57	59	124	94	
				100
				64
				87
				83

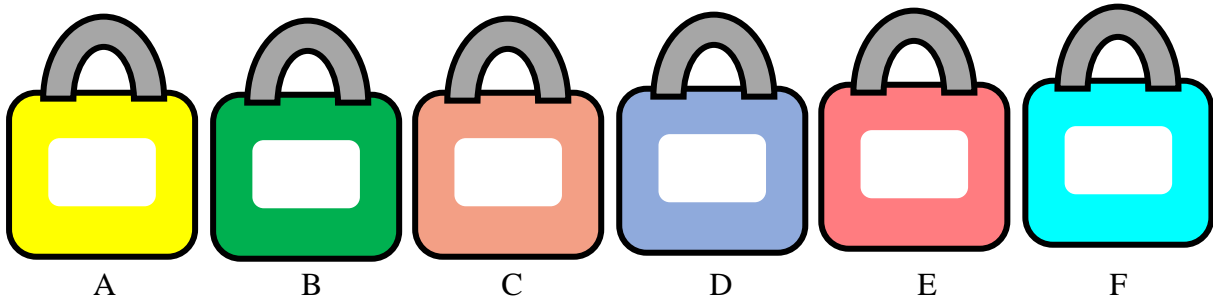
Write your answers under each picture.

Halloween Puzzle - Sheet 3Crack the Code

It is Halloween and Casey's friends have been trapped in the castle dungeon.

Help him crack the code and let his friends out.



Use the clues to find the correct number for each lock and write your answers in each lock picture.


Lock A 

Three broomsticks and four witches' hats cost fifty-five dollars.

Five broomsticks and seven witches' hats cost ninety-four dollars.

Find the cost of one broomstick to solve Lock A.

$$A = \boxed{}$$

Lock B 

There are some witches and black cats gathered around a cauldron in the forest.

Altogether Casey counts fourteen heads and thirty-eight legs.

Find the number of black cats to solve Lock B.

$$B = \boxed{}$$





Halloween Puzzle - Sheet 4



Crack the Code

Lock C



Four Jack-O-Lanterns of different sizes weigh a total of fifty-six pounds.

The second Jack-O-Lantern is two pounds heavier than the first Jack-O-Lantern.

The third Jack-O-Lantern is double the weight of the second Jack-O-Lantern.

The fourth Jack-O-Lantern is four pounds more than the third Jack-O-Lantern.

Find the weight of the first Jack-O-Lantern to solve Lock C.

$$C = \boxed{}$$

Lock D



Casey and six of his friends collect 336 pieces of candy on Halloween.

They share them out equally between them.

Casey divides his share of candy into piles, one pile for each month of the year.

Find the number of pieces of candy that is in one of Casey's piles to solve Lock D.

$$D = \boxed{}$$

Lock E



Six witches can make one hundred and twenty potions in eight hours.

Find how many potions one witch can make in two hours to solve Lock E.

$$E = \boxed{}$$

Lock F



There are two hundred and fifty-three spiders in a cave.

Eleven witches each sweep out ten spiders with their broomsticks.

Seven bats eat fourteen spiders each.

Nine spiders crawl out of the cave.

A black cat makes five trips out of the cave carrying six spiders each time.

Find the number of spiders left in the cave to solve Lock F.

$$F = \boxed{}$$

Halloween Puzzle - Sheet 5

Five witches have got their favorite pets and favorite items all mixed up.

Use the clues to find out which pet and which item belongs to each witch.

Clues

1. The black cat and the wand belong to the same witch.
2. Witch Esmerelda's pet is black.
3. Witch Hilda has a pointed hat.
4. Witch Winnie does not have a magic wand.
5. Witch Ophelia has a white rat.
6. The toad and the cauldron belong to the same witch.
7. Witch Agnes does not have a broomstick.
8. The black widow spider and the Book of Spells do not belong to the same witch.
9. The black raven belongs to Witch Hilda.
10. Witch Winnie has a cauldron.



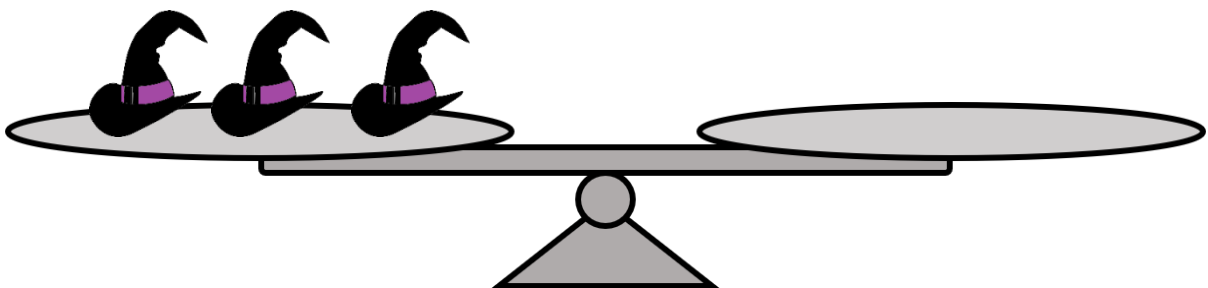
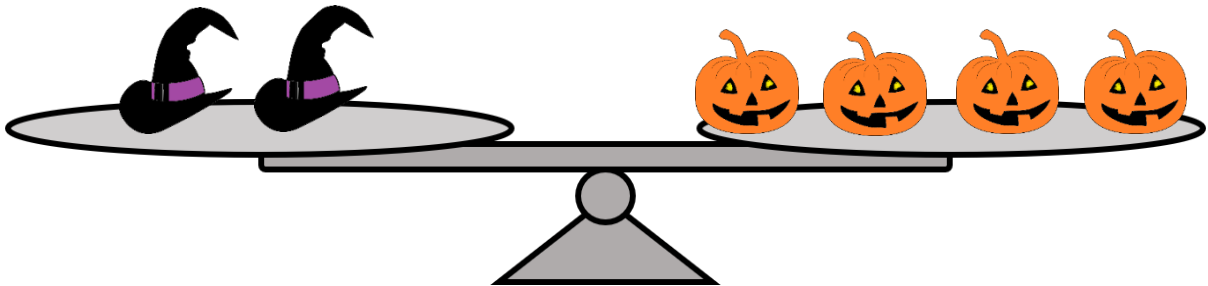
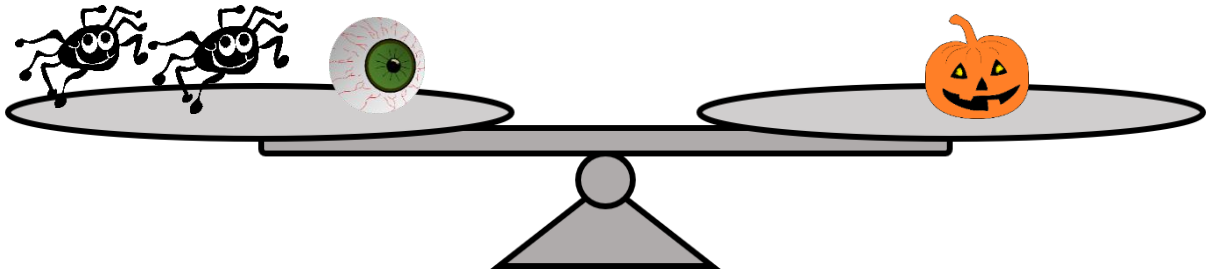
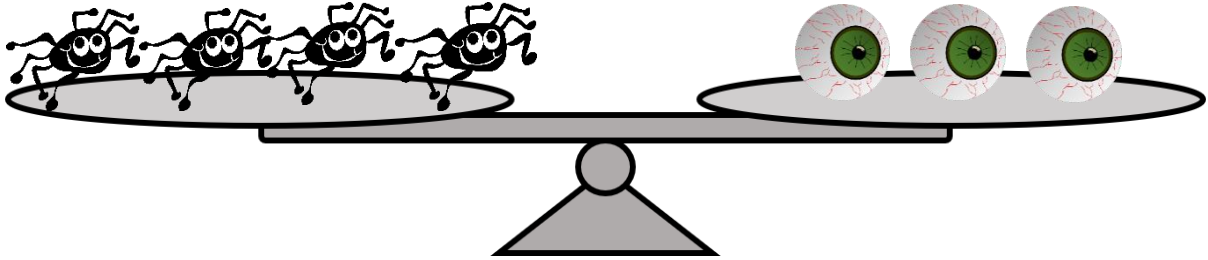
Answers

Witch					
Pet					
Item					



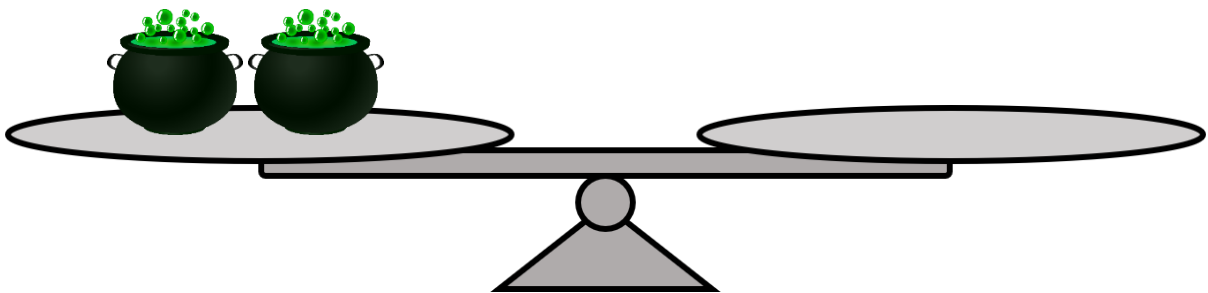
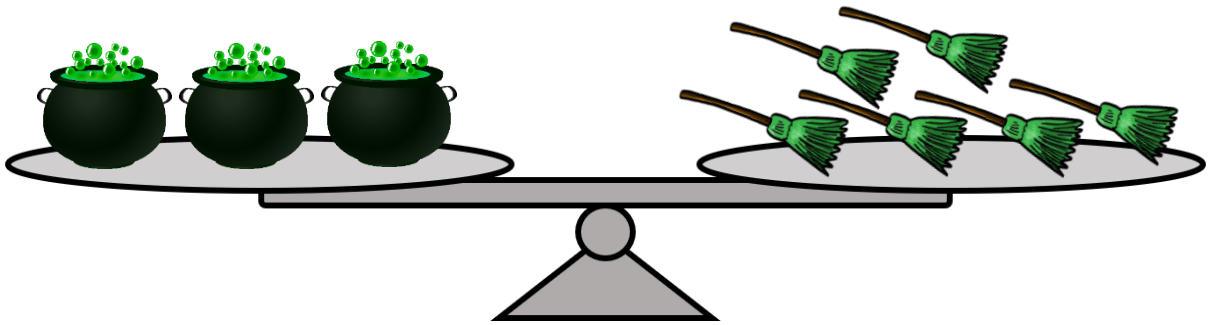
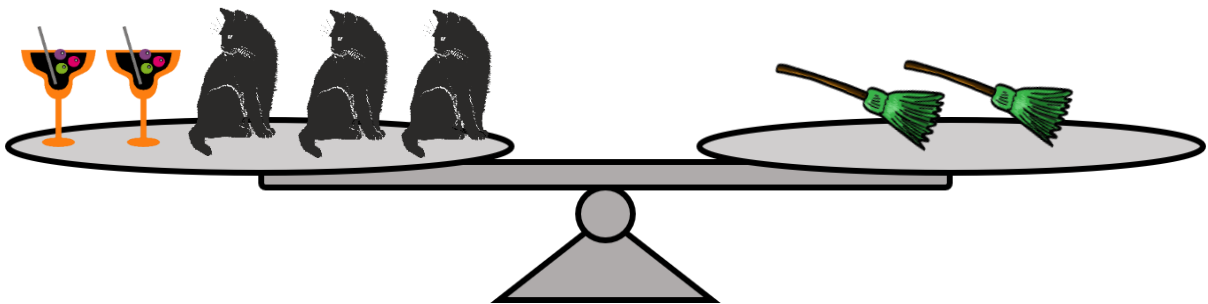
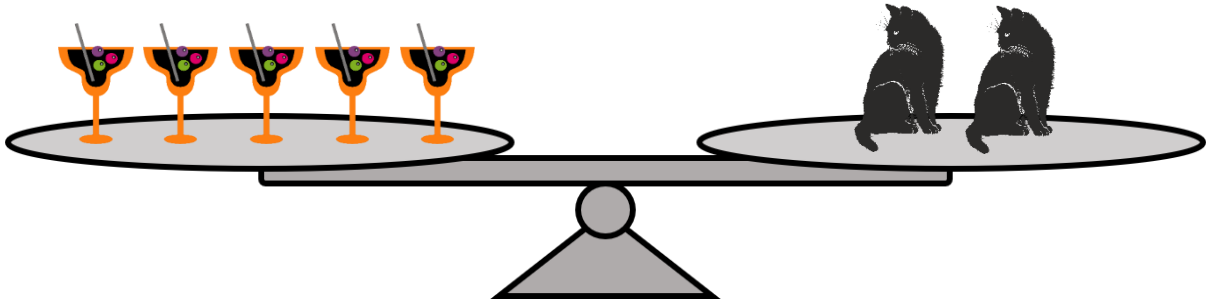
Halloween Puzzle - Sheet 6

Draw the correct number of eyeballs to balance the last scale.



Halloween Puzzle - Sheet 7

Draw the correct number of spooky drinks to balance the last scale.





Halloween Puzzle - Sheet 8



Use the clues to find four numbers.

The number of the day in the date of Halloween.	The number of the month in the date of Halloween.	The number of legs of a spider.	An unlucky number. The number of the day of Halloween backwards.

Use each of the four numbers above exactly once to make as many of the numbers 1-100 as you can. For example, add all four numbers.

You can add, subtract, multiply and divide and use order of operations.

There are at least 30 different numbers you can make!





Color all the numbers you can make in orange.








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

ANSWERS

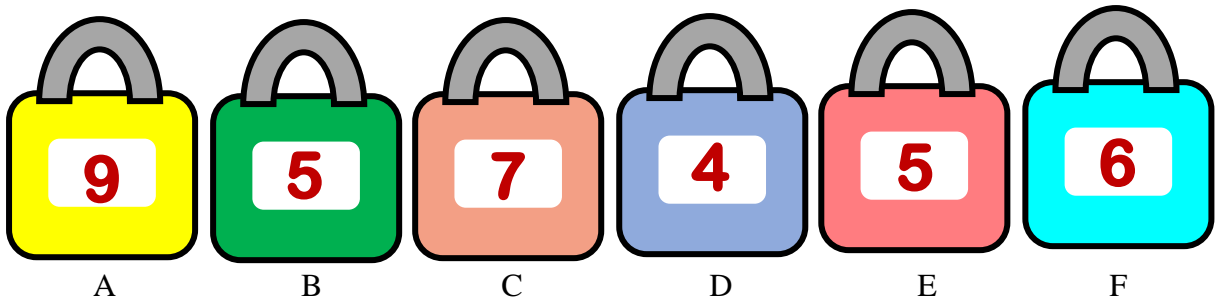
ANSWER KEY: *Halloween Puzzle - Sheet 1*

			
3	9	10	1

ANSWER KEY: *Halloween Puzzle - Sheet 2*

				
21	17	14	31	11

ANSWER KEY: *Halloween Puzzle - Sheets 3 and 4*

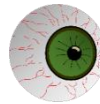


ANSWERS**ANSWER KEY:** *Halloween Puzzle - Sheet 5*

Witch	Winnie	Agnes	Esmerelda	Hilda	Ophelia
Pet	Toad	Black Cat	Black Widow Spider	Black Raven	White Rat
Item	Cauldron	Magic Wand	Broomstick	Pointed Hat	Book of Spells

ANSWER KEY: *Halloween Puzzle - Sheet 6*

You will need **15** eyeballs to balance the scales.

**ANSWER KEY:** *Halloween Puzzle - Sheet 7*

You will need **19** spooky drinks to balance the scales.



Answers*Halloween Puzzle - Sheet 8*

The number of the day in the date of Halloween.	The number of the month in the date of Halloween.	The number of legs of a spider.	An unlucky number. The number of the day of Halloween backwards.
31	10	8	13

There are at least 30 different numbers you can make!

There may be more.

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

Answers*Halloween Puzzle - Sheet 8*

These are some of the answers. There may be more!

$$(31 - 13 - 10) \div 8 = 1$$

$$31 - (10 - 8) \times 13 = 5$$

$$10 - ((31 + 8) \div 13) = 7$$

$$(31 - 13) \div (10 - 8) = 9$$

$$(31 + 8) \div (13 - 10) = 13$$

$$31 - 10 + 8 - 13 = 16$$

$$(13 - 8) \times 10 - 31 = 19$$

$$31 + 10 - 8 - 13 = 20$$

$$(31 + 13) \div (10 - 8) = 22$$

$$31 - 10 - 8 + 13 = 26$$

$$31 - 10 \div (13 - 8) = 29$$

$$(31 + 8) \div 13 \times 10 = 30$$

$$10 \div (13 - 8) + 31 = 33$$

$$31 + 10 + 8 - 13 = 36$$

$$31 - 10 + 8 + 13 = 42$$

$$31 + 10 - 8 + 13 = 46$$

$$(10 - 8) \times 31 - 13 = 49$$

$$(13 - 10) \times 8 + 31 = 55$$

$$(10 - 8) \times 13 + 31 = 57$$

$$31 + 10 + 8 + 13 = 62$$

$$(13 \times 8) - (31 + 10) = 63$$

$$(31 - 13 - 10) \times 8 = 64$$

$$(31 - 8) \times (13 - 10) = 69$$

$$(10 - 8) \times 31 + 13 = 75$$

$$(13 - 8) \times 10 + 31 = 81$$

$$(13 \times 8) - (31 - 10) = 83$$

$$(13 - 10) \times 31 - 8 = 85$$

$$(31 + 13) \times (10 - 8) = 88$$

$$(13 \times 10) - (31 + 8) = 91$$

$$(10 \times 8) + 31 - 13 = 98$$

$$(31 - 13 - 8) \times 10 = 100$$