

Name: \_\_\_\_\_

Pumpkins are on sale for \$1.38 per pound. Jacob bought a 2-pound pumpkin. Jason bought a 7-pound pumpkin. How much more did Jason pay?

The number 44 is more than the number 6 by how much?

Anna bought a pack of six waters. It cost \$3.84. How much did each water cost?

Name the shape with five sides and five angles.

Is 43 a composite or a prime number?

Round 34 to the nearest ten.

Write the number that has exactly 13 ones.

What are the first four multiples of 4?

Write an antonym for "for."

Name: \_\_\_\_\_

For some reason Mrs. Johnson has 3 chairs. The students in the class each have one chair. Why else would they need more? All of the chairs have 4 legs. All of the kids and Mrs. Johnson have 2 legs. There is a total of 92 legs in the classroom (including human legs and chair legs). How many students are there?

At 2 p.m. today, Mary will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

80, 85, 90, 95, 100,  
105, 110, \_\_\_\_\_, 120

Write the number that is one thousand more than 6,630.

Circle the three numbers whose sum equals 25.

3      17      13      5  
19      10      7      18

Circle the better deal.

3 packs of Cool Squishies for \$4 (each Cool pack comes with 3 squishies)

4 packs of Wacko Squishies for \$4 (each Wacko pack comes with 3 squishies)

$$9 \times \underline{\quad} = 54 = \underline{\quad} \times 2$$

$$3 \times \underline{\quad} = 18 = \underline{\quad} \times 9$$

$$4 \times \underline{\quad} = 48 = \underline{\quad} \times 3$$

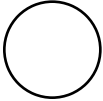
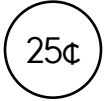
$$6 \times \underline{\quad} = 36 = \underline{\quad} \times 18$$

$$9 \times \underline{\quad} = 90 = \underline{\quad} \times 18$$

Name: \_\_\_\_\_

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$55.35 using bills and coins.



Show a different way to make \$55.35 using a different number of bills or coins.

Make \$53.15 using bills and coins.

Show a different way to make \$53.15 using a different number of bills or coins.

Name: \_\_\_\_\_

Sarah walked with her father. They walked to earn money to help sick children. They earned \$3.40 for each mile they walked. They walked 6 miles. How much did they earn for the sick children?

Miss Clark put 3 pink flowers and 2 blue flowers in each Parents' Day bouquet. She made 18 bouquets. How many flowers did she use in all?

Wendy likes to draw triangles, but isosceles triangles are her favorite.

"They are so cool," she explains. "They have two equal sides and two equal angles. After I draw the triangle, I write the angle that is the same. Can you guess the third angle?"

She drew a yellow triangle and wrote  $38^\circ$ . She drew a purple triangle and wrote  $21^\circ$ . She drew a blue triangle and wrote  $44^\circ$ . What is the third angle for each of her triangles?

Connect coin groups to make 90 cents. How many groups can you make?

1 dime

4 dimes

2 nickels

5 nickels

20 pennies

1 quarter

15 pennies

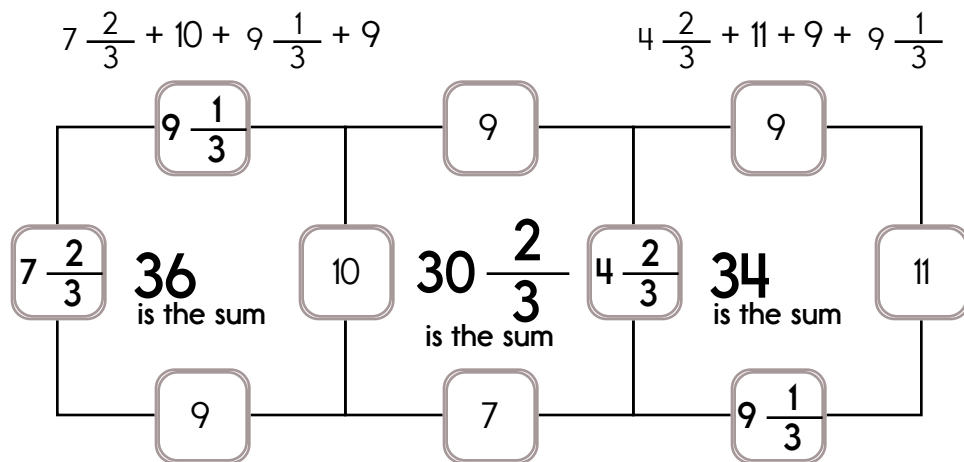
5 nickels

45 pennies

Name: \_\_\_\_\_

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

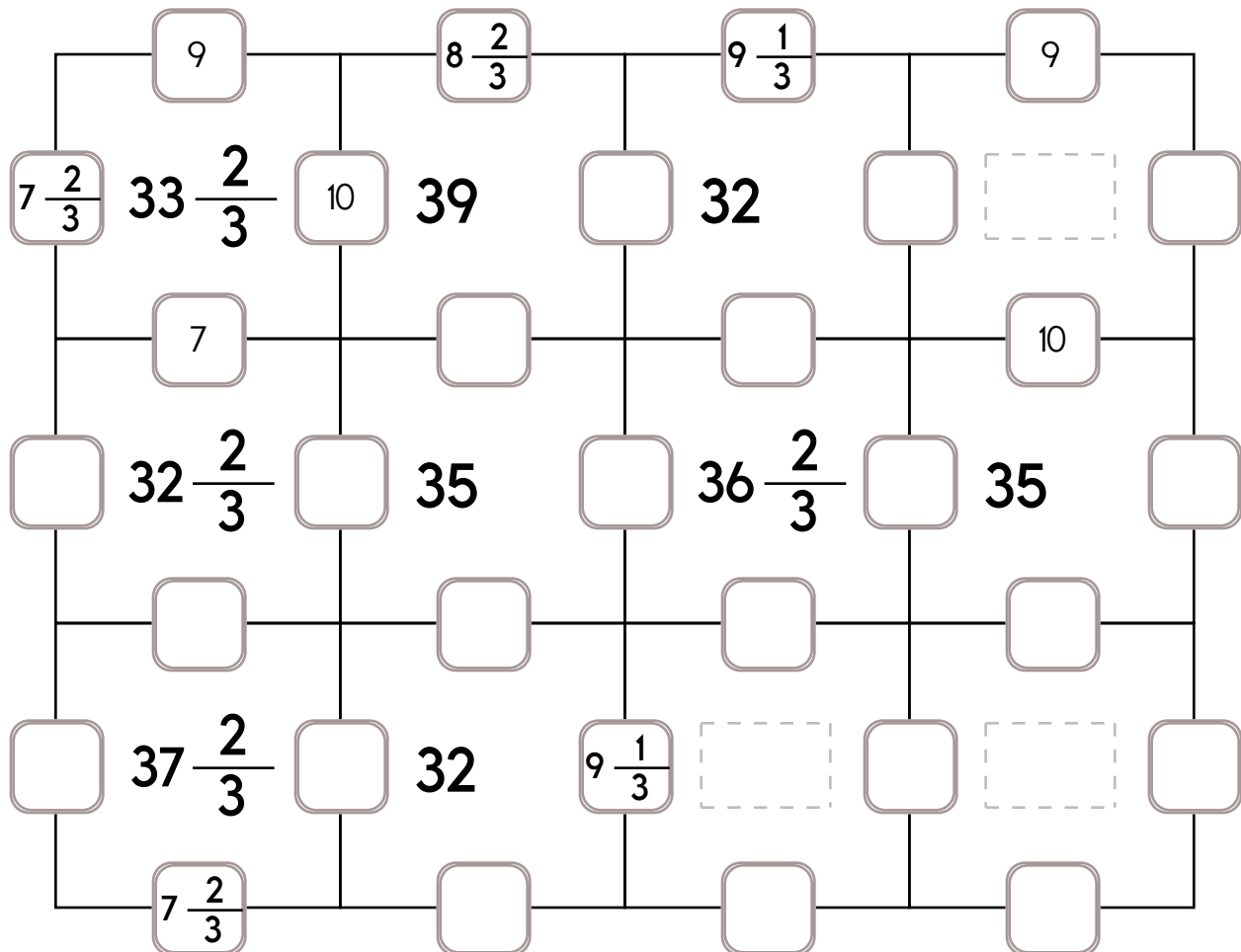
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers:  $8\frac{2}{3}$ ,  $7\frac{2}{3}$ , or  $4\frac{2}{3}$ .

The other three numbers have to all be DIFFERENT and must be from these:  $9\frac{1}{3}$ , 7, 9, 10, or 11.



Name: \_\_\_\_\_

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

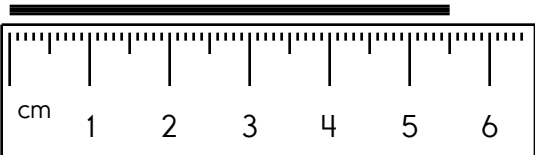
Exactly one of the four numbers has to be one of these numbers:  $2\frac{5}{7}$ ,  $3\frac{4}{7}$ , or  $6\frac{4}{7}$ .

The other three numbers have to all be DIFFERENT and must be from these: 5, 8,  $\frac{2}{7}$ , or  $5\frac{1}{7}$ .

	$2\frac{5}{7}$				$3\frac{4}{7}$
8	$20\frac{6}{7}$	5		$5\frac{1}{7}$	17
	$5\frac{1}{7}$			$\frac{2}{7}$	$5\frac{1}{7}$
	$21\frac{5}{7}$		$20\frac{6}{7}$		14
$5\frac{1}{7}$	17		17		17
	$16\frac{6}{7}$		14		17
	$20\frac{6}{7}$		$16\frac{1}{7}$		

Name: \_\_\_\_\_

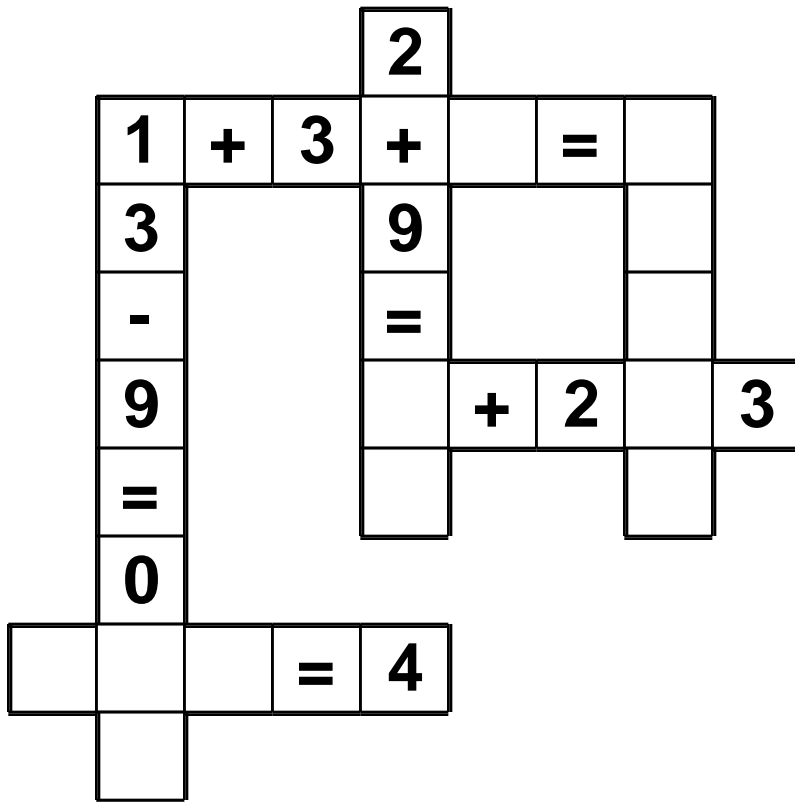
David did not believe in bad luck. He broke 13 mirrors. He walked under 13 ladders. He stepped on 13 cracks in the sidewalk. He let 13 black cats walk in front of him. On his way home from school he found 13 dimes. How many more dimes does he need to have \$2.80 worth of dimes?	David bought a book about Pearl Harbor. The book cost \$7.28 with tax. He gave the clerk a \$10 bill. How much change did he get?	Kevin made a poster for "Be Kind to Me Day." He used red paper. He put silver stars on it. He printed "Be Kind to Me Day" on it. He put it on his door. It took him 39 minutes to make the poster. He started working on it at 1:19 p.m. What time did he finish it?
--	---	--

Write the length in centimeters.  _____	What is half of 22? _____	$\begin{array}{r} 68 \\ - 45 \\ \hline \end{array}$
	What number is one thousand more than 7,128? _____	
There are eight cars parked in a row exactly the same distance from each other. The first car is 31 inches from the second car. The first car is 62 inches from the third car. How far is the third car from the eighth car? _____	Nathan has seven books about the stars, four books about dogs, and two books about snakes. He gave four books to Robert. How many books does Nathan have now?	$\begin{array}{r} 83 \\ - 44 \\ \hline \end{array}$

Name: \_\_\_\_\_

$$2 \cdot 6 \cdot + \cdot 1 \cdot 1 \cdot = \cdot 1 \cdot 7 \cdot 3 \cdot + \cdot 1 \cdot 4$$

Use the pieces above to help you fill in the runaway math puzzle.



Write the shaded part as a decimal.



Circle the largest number.

215      269      221  
234      215

$$\begin{array}{r} 66 \\ + 31 \\ \hline \end{array}$$

Write the fraction for 0.34.

\_\_\_\_\_

List the first five multiples of 7.

\_\_\_\_\_

The factors of 8 are 1 \_\_\_\_\_ 4 \_\_\_\_\_

What is the value of the 3 in 32?

\_\_\_\_\_



Name: \_\_\_\_\_

Write four words to describe this bag of groceries.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_



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Which is larger,  $\frac{2}{4}$  or  $\frac{2}{5}$  ?  
\_\_\_\_\_

How many 5s are in 60?  
\_\_\_\_\_

$$60 - 8 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

What temperature is five degrees below freezing in Celsius?  
\_\_\_\_\_

Add one hundred to 119.  
\_\_\_\_\_

$$\begin{array}{r} 88 \\ + 22 \\ \hline \end{array}$$

Write a fraction to represent what is shaded.



$$\begin{array}{r} 49 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 72 \\ \hline \end{array}$$

Name: \_\_\_\_\_

$$\begin{array}{r} 181 \\ - 77 \\ \hline \end{array}$$

$$\begin{array}{r} 670 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 570 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 190 \\ - 88 \\ \hline \end{array}$$

$$\begin{array}{r} 759 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 94 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 169 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 180 \\ - 94 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} 829 \\ + 115 \\ \hline \end{array}$$

$$\begin{array}{r} 720 \\ + 818 \\ \hline \end{array}$$

$$\begin{array}{r} 1,509 \\ - 962 \\ \hline \end{array}$$

$$\begin{array}{r} 776 \\ - 462 \\ \hline \end{array}$$

$$\begin{array}{r} 1,142 \\ - 163 \\ \hline \end{array}$$

$$\begin{array}{r} 1,470 \\ - 926 \\ \hline \end{array}$$

$$\begin{array}{r} 757 \\ + 240 \\ \hline \end{array}$$

$$\begin{array}{r} 803 \\ + 858 \\ \hline \end{array}$$

$$\begin{array}{r} 150 \\ + 996 \\ \hline \end{array}$$

$$\begin{array}{r} 1,211 \\ - 918 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 93 \\ \hline \end{array}$$

$$\begin{array}{r} 117 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 7 \\ \hline \square \\ + 4 \end{array}$$

$$\begin{array}{r} 23 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 3 \\ \hline \square \\ - 2 \end{array}$$

$$\begin{array}{r} 27 \\ + \square \\ \hline 29 \\ - 4 \\ \hline \square \end{array}$$

Name: \_\_\_\_\_

$$4 \cdot 3 \cdot + \cdot 8 \cdot + \cdot 1 \cdot = \cdot 2 \cdot 7 \cdot + \cdot + \cdot 4$$

Use the pieces above to help you fill in the runaway math puzzle.

<b>9</b>	<b>+</b>		<b>=</b>	<b>1</b>	
<b>0</b>			<b>+</b>	<b>1</b>	
<b>9</b>		<b>5</b>	<b>=</b>	<b>1</b>	

If you add 6 to me, the sum is 49. What number am I?

\_\_\_\_\_

Would you use a ruler or a yardstick to measure the length of your classroom?

\_\_\_\_\_

Color 0.40.


If  $Q = 2$ , then what does  $Q + 5$  equal?

\_\_\_\_\_

Write two odd numbers that when added together equal the even number 10.

\_\_\_\_\_

Round the number to the place value of the BIG number.

6**5**,477

\_\_\_\_\_

Color in  $\frac{2}{3}$ .


$2 \overline{)8}$

Name: \_\_\_\_\_

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 9 in your head

subtract 6

multiply 9

Add the tens digit to the ones digit.  
Write the sum.

\_\_\_\_\_  
A

imagine 7 in your head

subtract 3

add 3

add 4

add 1

Write the tens digit.

\_\_\_\_\_  
B

imagine 9 in your head

multiply 10

double it

subtract 6

add 9

Write the hundreds digit.

\_\_\_\_\_  
C

imagine 9 in your head

double it

subtract 8

add 6

Write the ones digit.

\_\_\_\_\_  
D

What is the sum?

A + B + C + D

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ n \_\_\_\_\_ e \_\_\_\_\_

4 after 15 \_\_\_\_\_

6 before 17 \_\_\_\_\_

3 before 13 \_\_\_\_\_

5 after 14 \_\_\_\_\_

2 before 19 \_\_\_\_\_

9 before 12 \_\_\_\_\_

7 after 12 \_\_\_\_\_

4 before 15 \_\_\_\_\_

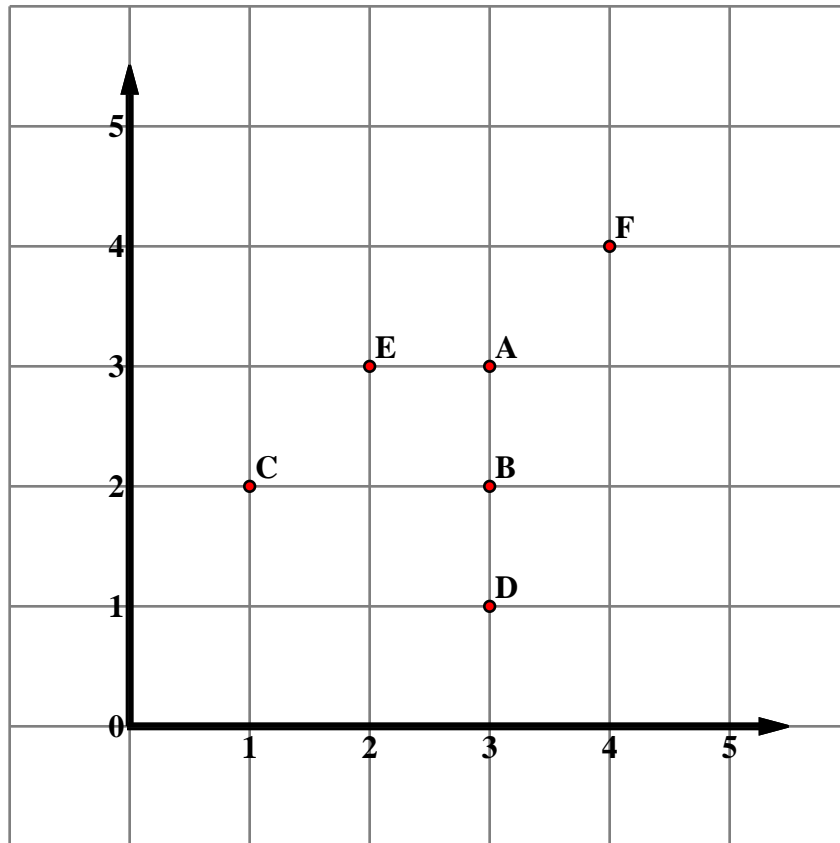
5 before 18 \_\_\_\_\_

8 after 18 \_\_\_\_\_

1 before 11 \_\_\_\_\_

8 before 14 \_\_\_\_\_

Name: \_\_\_\_\_



Write the letter that is at the ordered pair.

- |                      |                   |                   |
|----------------------|-------------------|-------------------|
| 1. $(3, 1)$ <u>D</u> | 2. $(3, 3)$ _____ | 3. $(3, 2)$ _____ |
| 4. $(1, 2)$ _____    | 5. $(4, 4)$ _____ | 6. $(2, 3)$ _____ |

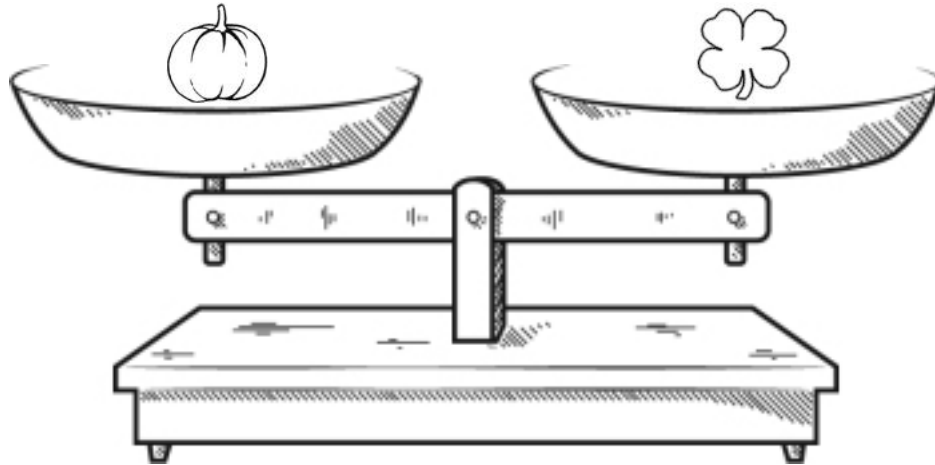
Write the ordered pair for the given point.

- |  |                    |                    |
|--|--------------------|--------------------|
| 7. <b>F</b> <u><math>(4, 4)</math></u> | 8. <b>B</b> _____  | 9. <b>C</b> _____  |
| 10. <b>E</b> _____                     | 11. <b>A</b> _____ | 12. <b>D</b> _____ |






Plot each point on the coordinate grid.

- |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| 13. <b>G</b> $(5, 3)$ _____ | 14. <b>H</b> $(5, 5)$ _____ | 15. <b>I</b> $(5, 2)$ _____ |
| 16. <b>J</b> $(2, 4)$ _____ | 17. <b>K</b> $(1, 1)$ _____ | 18. <b>L</b> $(2, 1)$ _____ |
| 19. <b>M</b> $(4, 2)$ _____ | 20. <b>N</b> $(1, 4)$ _____ | 21. <b>O</b> $(2, 2)$ _____ |

Name: \_\_\_\_\_







Look at the balance. What does it tell you? Write a sentence to explain.




 = 
 








True False

☐ ☐



 = 
 







True False

☐ ☐



 = 
 




True False

☐ ☐



 = 
 



True False

☐ ☐

Did you find that one is true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

Subtract 168 from 444.

$5 + 7 + 7 + 1 =$

$$\begin{array}{r} 598 \\ + 582 \\ \hline \end{array}$$

$120 \div 10 - 3$

What number is halfway between 0 and 20?




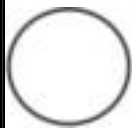
Is prelude a composite or a prime number?

Name: \_\_\_\_\_

Each row, column, and box must have the numbers 1 through 6. The first box is done.

1	3	4			5
5	6	2			
	1				
			6		3
2	5	3			

Each row, column, and box must have 4 different pictures.

Name: \_\_\_\_\_

### Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 6.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 6.

Here is an example of a sudoku sum of 6:

3	3
---	---

				5	
	5				4
2			4		
3					
6			2		
		2	6	1	

Write the number that is one hundred less than 4,141.

$$12 + 1 \times 4$$

Hannah has \$55. She wants to buy something that costs \$93. How much more does she need?

Is 22 a composite or a prime number?

There are 2 groups of 3 rocks. How many rocks?

Double the number 6 three times.



Name: \_\_\_\_\_

Each row, column, and box must have the numbers 1 through 6.

3					5
		2			
2		6			
1					6
		3			
			5		1

better • sudden • pessimist • engage • kitten • either

Each row, column, and box must have all the words from the word list. Write in the missing words.

			better	kitten	
		sudden	engage		either
			either		
	pessimist			better	
kitten		pessimist			

Name: \_\_\_\_\_

Complete each pattern. Write what the rule is.

8	16	24
32	40	
56	64	

What is the rule for each pattern?

7, 2, 21, 12, \_\_\_\_\_, 22, 49, 32, 63, 42, 77, 52

\_\_\_\_\_, \_\_\_\_\_, 12, 33, 16, 41, 20, 49, 24, 57, 28, 65, 32



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$\times$   
 $\times =$   
 $- \div < - >$

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