

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 8	4	5	1
9	6	7	5
4	7	2	3
1	3	3	FINISH SUM: 34

8 + 9 + 4 + 7 + 3 + 3 =
34

START 5	11	17	5
7	16	8	14
10	7	2	FINISH SUM: 53

5 + 7 + 10 + _____ + _____ +
_____ + _____ = 53

START 8	9	8	8
6	6	9	9
9	7	7	9
7	7	6	FINISH SUM: 60

Did you find a path? Write the equation.

START 5	4	9	9
6	6	2	1
7	7	8	3
3	9	1	FINISH SUM: 31

5 + _____ + _____ + _____ + _____ + _____ =
31

Name: _____

Emily has a new job working at Pizzeria Magpie. She loves it, but she can only work four hours on Monday, four hours on Tuesday, and eight hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$11.90 per hour. How much will her first paycheck be?

Find the least common denominator.

$$\frac{7}{12} \text{ and } \frac{6}{11}$$

$$18 \frac{5}{12}$$

$$- 7$$

Find the least common denominator.

$$\frac{1}{9} \text{ and } \frac{1}{6}$$

In the equation $40 \times 451 = 18,040$, which number is the product?

How many tens are in the number 14,000?

$$6 + (9 - 1)$$

Name: _____

What is the missing fraction?

$$\frac{2}{5} + ? = \frac{14}{15}$$

What is 18 less than 499?

$$1 + 7 + 8 + 12$$

15, _____, 45, 60, 75,
90

$$(9 + 10) + 2$$

There are 3 groups of 5
rocks. How many rocks?

$3\frac{2}{5}$, $3\frac{1}{5}$, 3, $2\frac{4}{5}$,
 $2\frac{3}{5}$, $2\frac{2}{5}$, $2\frac{1}{5}$, 2,
 $1\frac{4}{5}$, $1\frac{3}{5}$, $1\frac{2}{5}$, $1\frac{1}{5}$, 1,
_____, $\frac{3}{5}$, $\frac{2}{5}$, $\frac{1}{5}$

Name: _____

<p>Draw a shape that has between three and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.</p>	<p>1 kg = 1,000 g</p> <p>15 kg = _____ g</p>	$\begin{array}{r} 46 \\ - 28 \\ \hline \end{array}$
	<p>10 lb = _____ oz</p>	

$\begin{array}{r} 32 \\ + 38 \\ \hline \end{array}$	<p>Emily was given four numbers: 4, 1, 2, and 8. She needs to use two of these numbers to make a fraction. Can she make a fraction that is greater than three-fourths?</p>	$\begin{array}{r} 478 \\ - 284 \\ \hline \end{array}$
---	--	---

$\begin{array}{r} 396 \\ + 461 \\ \hline \end{array}$	<p>35 ÷ 5 =</p>	<p>12 x 9 =</p>	<p>How many digits are in ten times ten?</p> <p>_____</p>
---	-----------------	-----------------	---

Name: _____

How many ounces are in 5 pounds? _____ ounces	Write a letter that has two or more lines of symmetry. _____
--	---

Jenna wrote down a fraction on a piece of paper. If you take her fraction and multiply it by six you get nine. Can you guess what her fraction is?	Can 987 be evenly divided by 6? Circle: 987 is evenly divisible by 6 987 is NOT evenly divisible by 6
--	---

Write a letter that has a line of symmetry. _____	$3 \times 6 =$	Rose will win if a random number pulled out of a box is an odd number. 39 pieces of paper, numbered 1 to 39, are put inside a box. What is the chance that Rose will win?
$55 \div 5 =$		

Write an equation to represent this: The sum of nine and six is fifteen. _____	What time is 17 hours after 5:00 p.m.? _____
--	---

Circle the relative adverb. I don't know the reason why Mrs. Shutt gives us so much homework!	Insert a comma in the correct place in this sentence. No I don't want to sit in time out.
--	--

Name: _____

2 • 0 • ÷ • 9 • 3 • = • 0 • ÷ • 3 • x • = • 1 • 7 • 9 • 6 • 6
3 • 3 • 4 • 4

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

The puzzle grid contains the following numbers and symbols in various orientations:

- Vertical (left to right):
 - 2, 1, =, 2
 - 1, x, 8
 - 2, x, =, 1, 2
 - 8, x
 - 9, ÷, 9, =, 1, 5, 5
 - 0, x, =, 0
- Horizontal (top to bottom):
 - 2, 7, ÷, 4, 9
 - 4, 9, 3, =
 - 0, x, =, 0
 - 7, x, 8, =, 5
 - 2, 1, ÷, 7, =
 - 0, x, =, 0
- Vertical (right to left):
 - 4, ÷, 8, =, 0
 - 1, 6

Which is the smallest?

54.8 ÷ 3.2 54.8 ÷ 3.1 54.8 ÷ 3.3

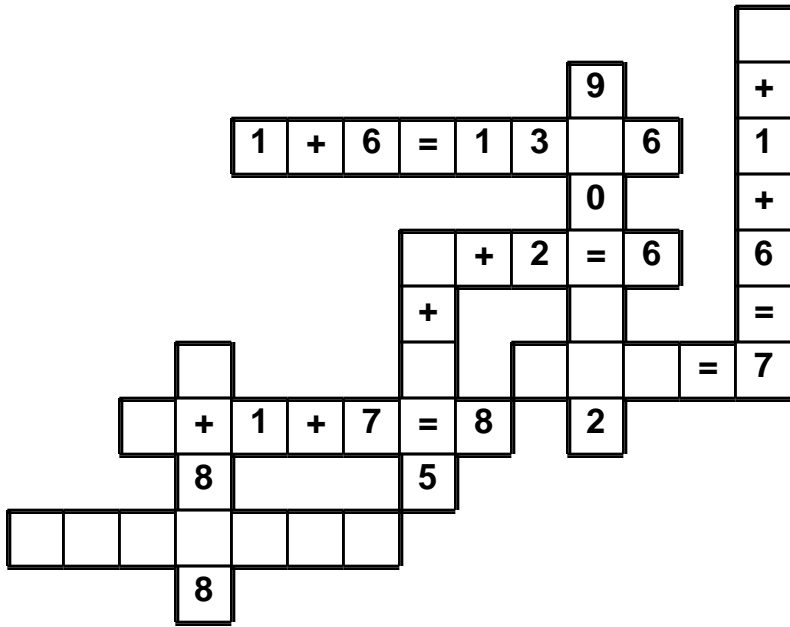
In the number 22,236,711,249, the digit 4 is in what place?

You are explaining how to glaze pottery. Who are you?

Name: _____

0 • - • 4 • 7 • 0 • 1 • 5 • + • 2 • 0 • 0 • + • 6 • = • 4 • +
2

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



Write the missing family fact.

136 - 98 = 38
98 + 38 = 136
136 - 38 = 98

8 x 10 =

24 ÷ 8 =

For 758,390,235, write the digit that is in the ten thousands place.

Hannah wants to call Erin. Erin is on vacation in Asia. It is a time difference of eleven hours. Erin's time is always later than Hannah's time. If it is 11:16 A.M. where Hannah lives, then what time is it where Erin is?

Name: _____

Steven, Zachary, Christopher, and John each have one brother (Nicholas, Andrew, James, and Hunter) and one sister (Nicole, Rachel, Katherine, and Madison).

Who is each person's brother and sister?

1. Steven's sister and Katherine were talking on the phone. They are not in the same family.
2. Zachary's sister and Katherine were talking on the phone. They are not in the same family.
3. Zachary invited Nicole and Madison over to his family's house for dinner.
4. Zachary played with his brother Hunter outside.
5. Christopher went to the mall with his sister, but not with his brother. Hunter and Andrew went with Christopher as well.
6. Steven played with his brother Andrew outside.
7. John is younger than his sister Katherine.
8. John's sister and Nicole were talking on the phone. They are not in the same family.
9. Zachary invited Katherine and Nicole over to his family's house for dinner.
10. Christopher went to the mall with his sister, but not with his brother. Andrew and Hunter went with Christopher as well.
11. Christopher invited Madison and Katherine over to his family's house for dinner.
12. Christopher is older than his sister Nicole.
13. Hunter helped his sister Rachel with her homework.
14. John played with his brother Nicholas outside.
15. James helped his sister Nicole with her homework.

Steven's brother is _____ and Steven's sister is _____.

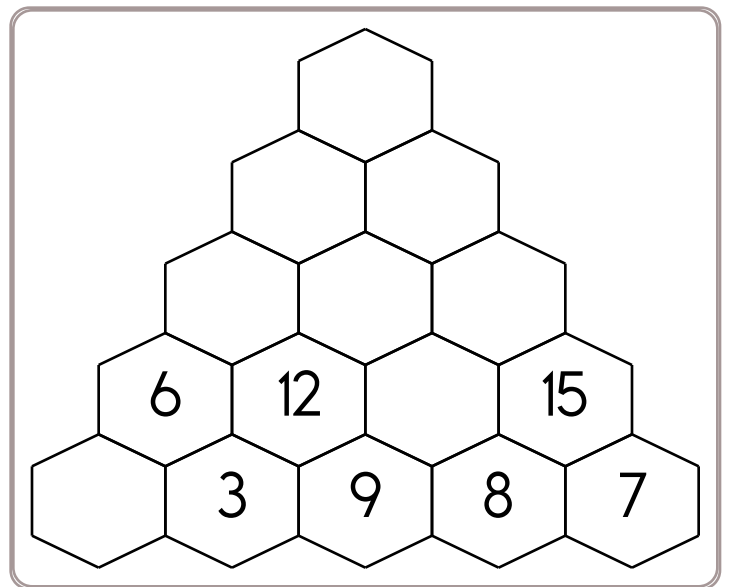
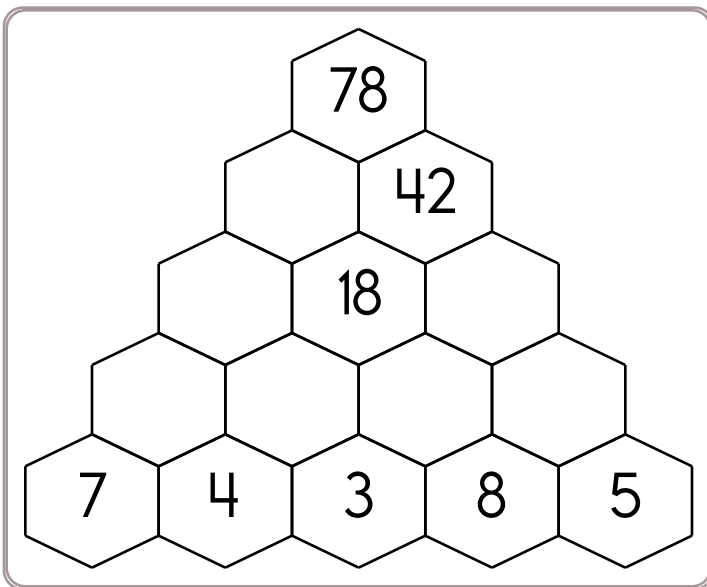
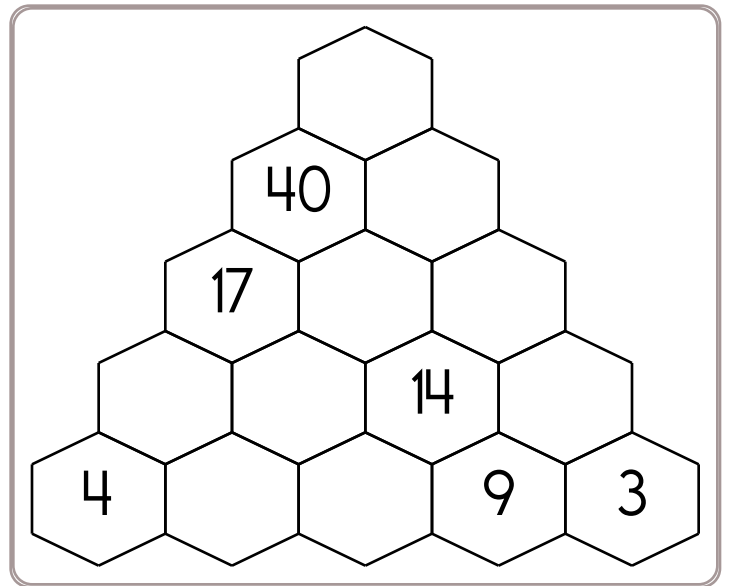
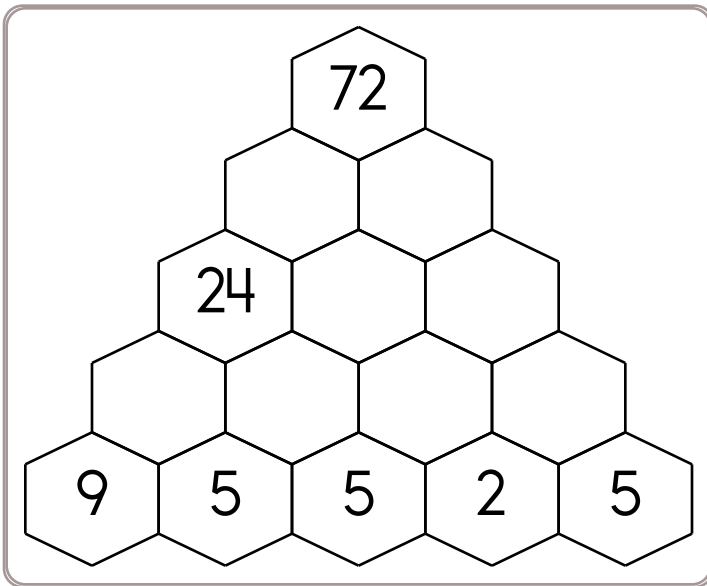
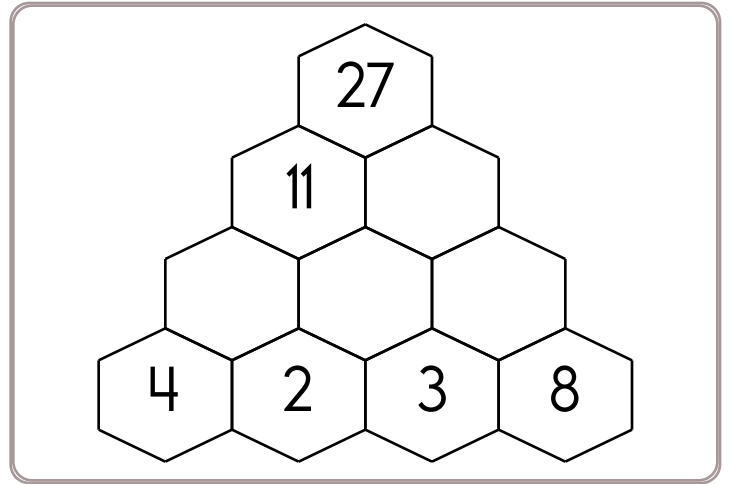
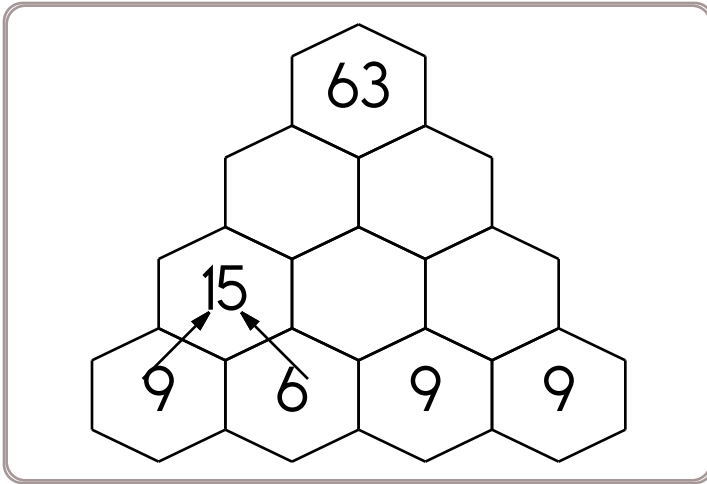
Zachary's brother is _____ and Zachary's sister is _____.

Christopher's brother is _____ and Christopher's sister is _____.

John's brother is _____ and John's sister is _____.

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



Name: _____

Gavin made a card for the librarian at his school. She was always so helpful, but a lot of people didn't like her because she made them be quiet in the library. He put the card in a book and left it on her desk. He hoped she would have a good day. It was his way of celebrating Random Acts of Kindness Day. The card was four inches wide and three inches tall. What was the perimeter of the card?

Max works at the supermarket in Maggie Valley. One of his jobs is to gather up the shopping carts from the parking lot and return them to the supermarket. He goes out to gather carts three times each day. On Monday he gathered up 18 carts, 15 carts, and 30 carts. On Tuesday he gathered up 30 carts, 28 carts, and 35 carts. How many more carts did he gather up on Tuesday than he did on Monday?

Valentine's Day is the busiest day of February for florists. Fiona's Flowers sold eleven dozen red roses in bud vases on that one day. Fiona put four roses in each vase. How many vases of red roses did she make?

Anna is making a scrapbook for her grandmother. Anna has 143 pictures. She can put 6 pictures on each page. How many pages will she need for the pictures?

The city's Freedom Memorial Garden was enclosed by a fence put up in the shape of a parallelogram with a base of 142 feet and a height of 94 feet. What was the area of the garden?

Name: _____

Robert had to make 15 visits to the dentist last year to take care of his braces. Each visit cost \$115. How much did the visits cost in all?

Mr. White is a long-distance truck driver. He has to make a trip to Rapid City and back. If he drives 456 miles per day, it will take him 10 days to drive to make the round trip. How far away is Rapid City?

Chef Wilson ordered 19 boxes of frozen chicken. Each box was 16 inches x 24 inches. There were 8 boxes in each crate. If each piece of chicken takes up approximately 9 square inches, approximately how many pieces of chicken did Chef Wilson order?

It took the Frost-Free Company 91 days to make enough TV dinners to supply the Marks Grocery Stores. How many weeks did it take the company to make the TV dinners?

Ava wanted to make lasagna. She had a recipe that made enough for 4 people. The recipe used 9 lasagna noodles. If Ava wants to make lasagna for 16 people, how many noodles will she need?

A rectangular sign advertising the Life Evaluation Conference was put up near the conference hotel. It had a length of 28 feet and a perimeter of 103 feet. What was the sign's width?

Name: _____

Can you draw lines to cover every number or shape in the picture?

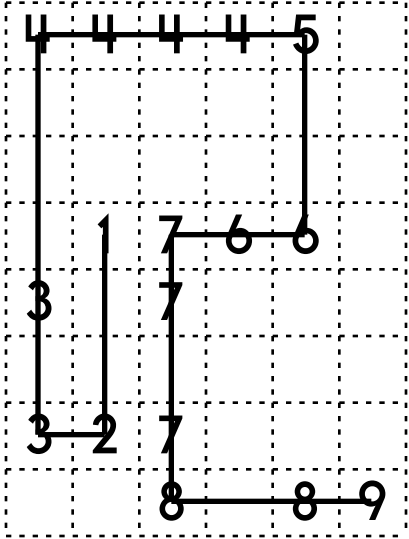
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

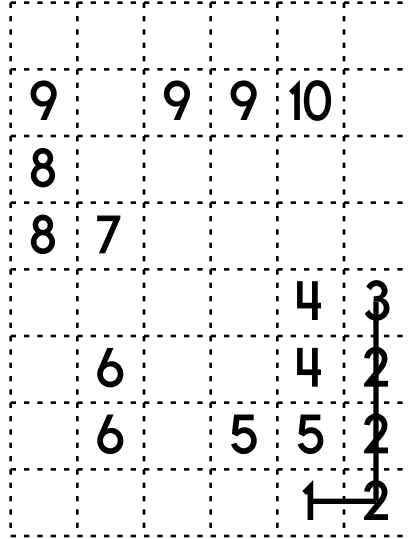
Do not pick up your pencil.



Draw exactly 9 lines.

Start on 1.

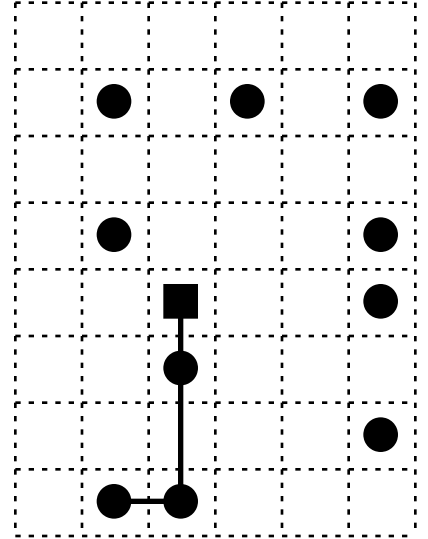
Do not pick up your pencil.



Draw exactly 5 lines.

Start on the square.

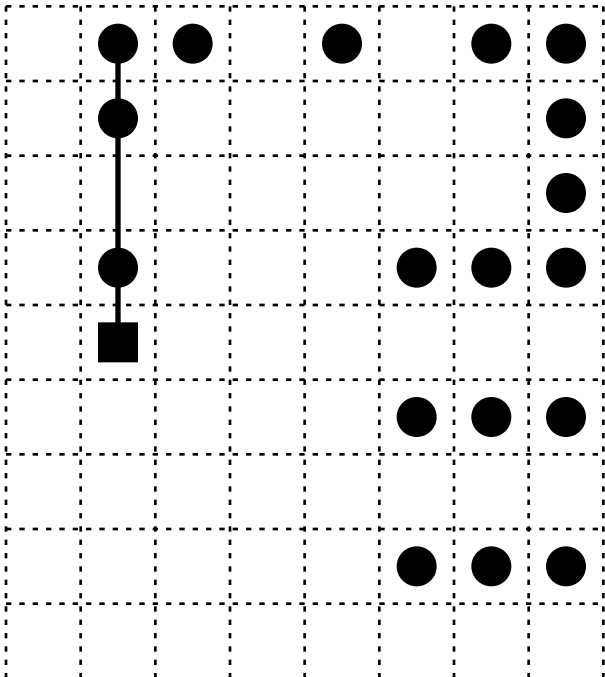
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

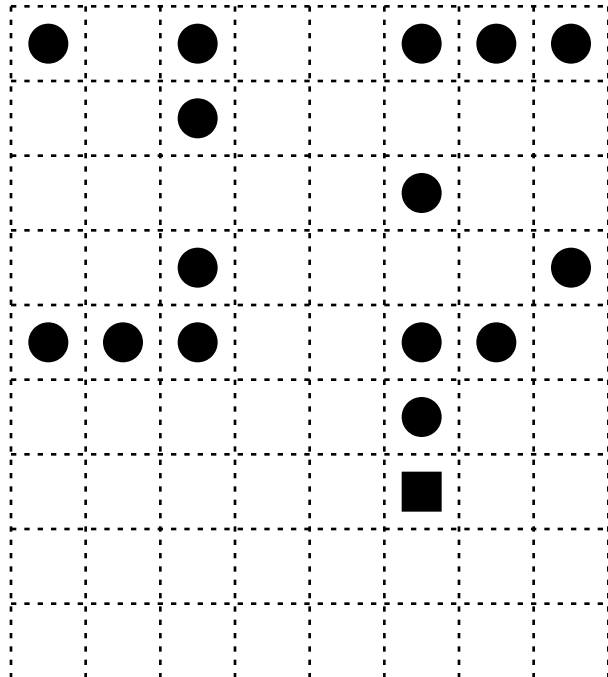
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

$$\frac{21}{25} = \frac{84}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{47}{50} = \frac{\hspace{2cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{4}{5} = \frac{\hspace{2cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{27}{50} = \frac{\hspace{2cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{11}{20} = \frac{\hspace{2cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{65}{100} = \frac{13}{20} = \underline{\hspace{2cm}} \%$$

$$\frac{54}{100} = \frac{\hspace{2cm}}{50} = \underline{\hspace{2cm}} \%$$

$$\frac{76}{100} = \frac{\hspace{2cm}}{25} = \underline{\hspace{2cm}} \%$$

$$\frac{72}{100} = \frac{\hspace{2cm}}{25} = \underline{\hspace{2cm}} \%$$

$$\frac{75}{100} = \frac{\hspace{2cm}}{4} = \underline{\hspace{2cm}} \%$$

$$\frac{19}{20} = \frac{\hspace{2cm}}{100}$$

$$\frac{3}{10} = \frac{\hspace{2cm}}{100}$$

$$\frac{16}{25} = \frac{\hspace{2cm}}{100}$$

Holly put posters on the wall in her room. The posters cover $\frac{9}{10}$ of the wall. What percent of the wall is covered with posters?

Name: _____

Can you figure out the value of the letter?

$$3d + 8 = 35$$

first subtract 8 from both sides
then divide each side by 3

$$3d + 8 - 8 = 35 - 8$$

$$3d = 27$$

$$3d \div 3 = 27 \div 3$$

$$d = 9$$

$$\text{Double check: } (3 \times 9) + 8 = 35$$

$$8b + 6 = 30$$

first subtract 6 from both sides
then divide each side by 8

$$b = \underline{\quad}$$

$$\text{Double check: } (8 \times \underline{\quad}) + 6 = 30$$

$$7a - 32 = 17$$

first add 32 to both sides
then divide each side by 7

$$a = \underline{\quad}$$

$$\text{Double check: } (7 \times \underline{\quad}) - 32 = 17$$

$$5k + 6 = 41$$

first subtract 6 from both sides
then divide each side by 5

$$k = \underline{\quad}$$

$$\text{Double check: } (5 \times \underline{\quad}) + 6 = 41$$

$$8h + 5 = 69$$

first subtract 5 from both sides
then divide each side by 8

$$h = \underline{\quad}$$

$$\text{Double check: } (8 \times \underline{\quad}) + 5 = 69$$

Name: _____

$$10 + \underline{\quad} = 47$$

What is the missing number?

$$13 + x = 41$$

What is the value of x ?

$$y + 17 = 31$$

Is the least common multiple of 12 and 10 smaller, equal to, or greater than the greatest common factor of 12 and 10?

$$\underline{\quad} - 5 = 1$$

What is the missing number?

Write all the factors for the number 27.

What is the least common multiple of 4 and 6?

$$31 - y = 22$$

Is the greatest common factor of 8 and 6 smaller, equal to, or greater than the least common multiple of 8 and 6?

Write all the factors for the number 20.

Name: _____

$$7 \div 0.1$$

$$0.2 \div 0.5$$

$$0.3 \div 0.5$$

Pam made a game where you earn 0.25 points for each alien you destroy. She tested her game and destroyed 40 aliens. How many points did she earn?

She started over. This time she scored a total of 7.25 points. How many aliens did she destroy?

April's robot can move 192.1 meters with one charge. Gavin has a robot that can move 280.7 meters with one charge. Both of the robots take 27 minutes to charge fully. After they are both charged, how much farther can Gavin's robot move?

$$0.3 \div 0.6$$

$$35.75 \div 0.25$$

$$245.7 \div 0.26$$

Name: _____

$$\underline{\quad} \div 6 = 4$$

What is the missing number?

$$N \div 7 = 9$$

What is the value of N?

What is the greatest common factor of 9 and 3?

$$\frac{N}{11} = 6$$

What is the least common multiple of 2 and 4?

Write all the factors for the number 21.

$$3n = 12$$

$$\underline{\quad} \times 3 = 36$$

What is the missing number?

$$N \times 6 = 54$$

What is the value of N?

$$15 \div \underline{\quad} = 5$$

What is the missing number?

$$66 \div N = 11$$

What is the value of N?

$$\underline{\quad} \div 2 = 3$$

What is the missing number?

$$N \div 5 = 10$$

What is the value of N?

Name: _____

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

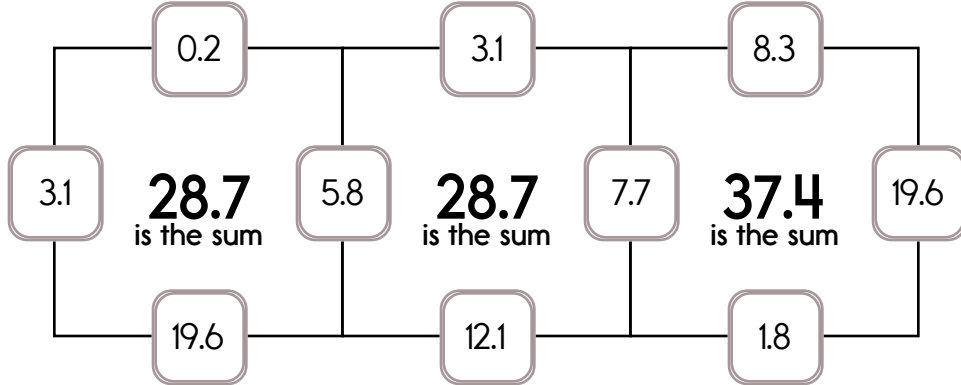
Example:

$$3.1 + 5.8 + 0.2 + 19.6 = 28.7$$

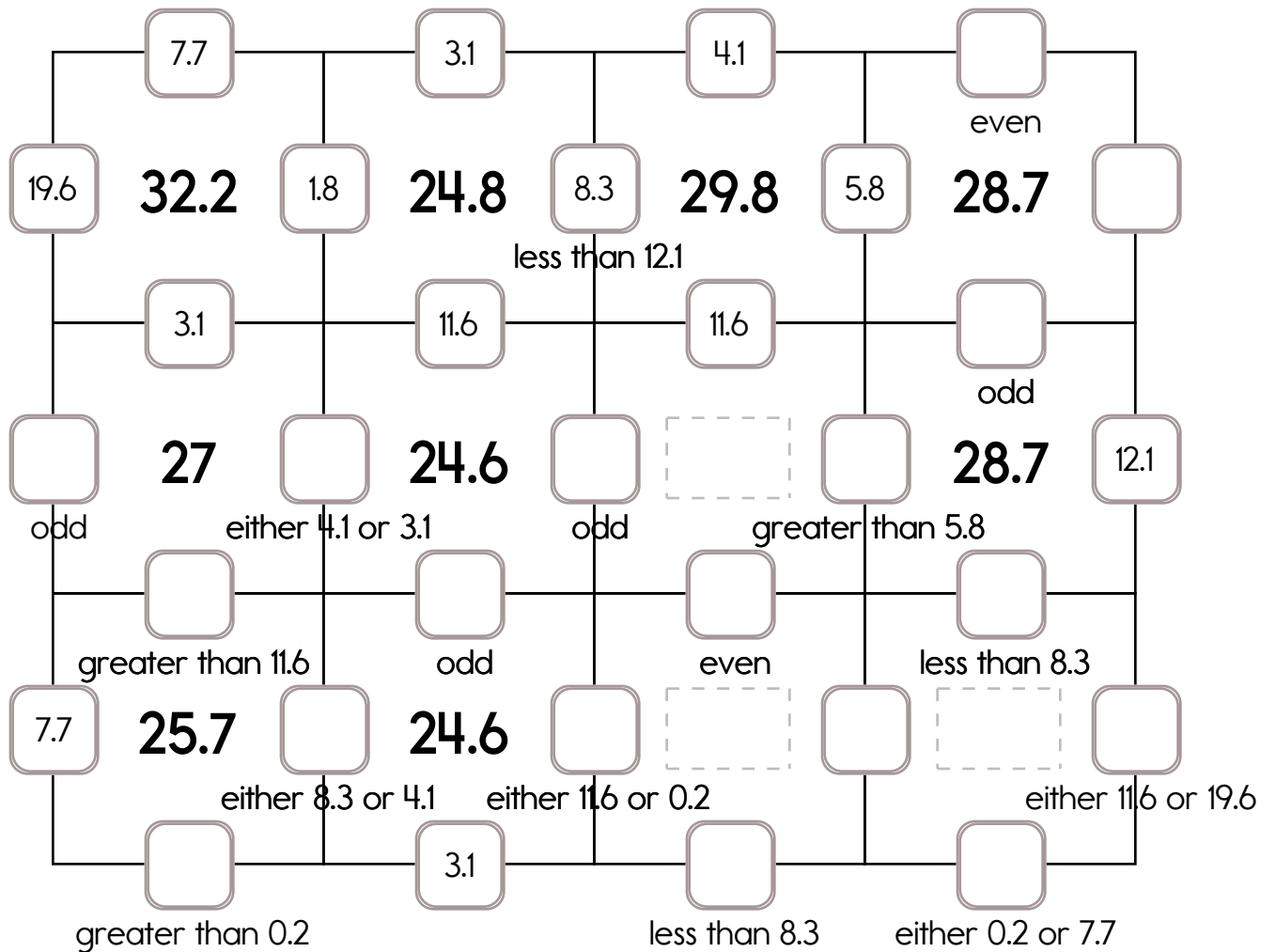
Example:

$$7.7 + 19.6 + 8.3 + 1.8 = 37.4$$

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: 19.6, 11.6, or 12.1. The other three numbers have to all be DIFFERENT and must be from these: 5.8, 3.1, 0.2, 4.1, 1.8, 7.7, or 8.3.

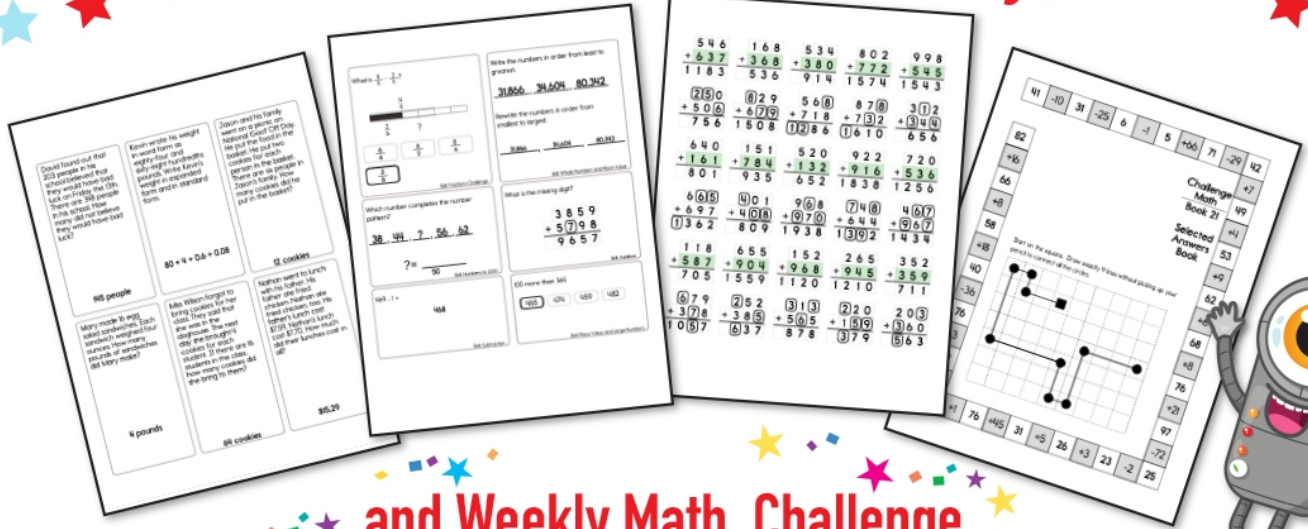


Name: _____

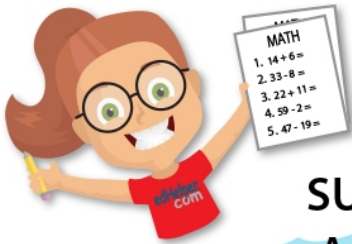
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 18.5, 23.3, or 29.5. The other three numbers have to all be DIFFERENT and must be from these: 6.1, 3.5, 0.7, 5.8, 4.7, or 8.3.

	23.3		8.3 even		5.8				
8.3	38.1	0.7	33.6	18.5	35.1		41	6.1	
	5.8								
			less than 23.3		even		greater than 8.3		
	39.5		33.6		37.6		41	6.1	
odd		less than 4.7							
		less than 18.5	greater than 4.7	greater than 4.7		less than 23.3			
6.1	39.8		48.3		36.1				
		odd	less than 18.5	greater than 3.5	less than 8.3				
		even	even	odd	greater than 0.7				
	44.6		37.3		43.5		43.8		
even		either 6.1 or 8.3	either 5.8 or 6.1	odd	greater than 0.7				
		greater than 4.7		even		less than 6.1			
	46.1		31.1						
		less than 8.3	even						
		either 0.7 or 4.7	even	greater than 4.7					

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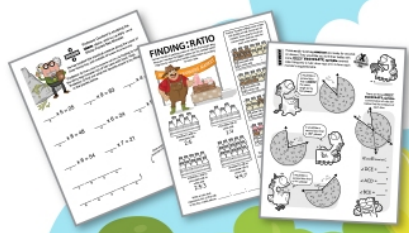


MATH
1. $14 + 6 =$
2. $33 - 8 =$
3. $22 + 11 =$
4. $59 - 2 =$
5. $47 - 19 =$

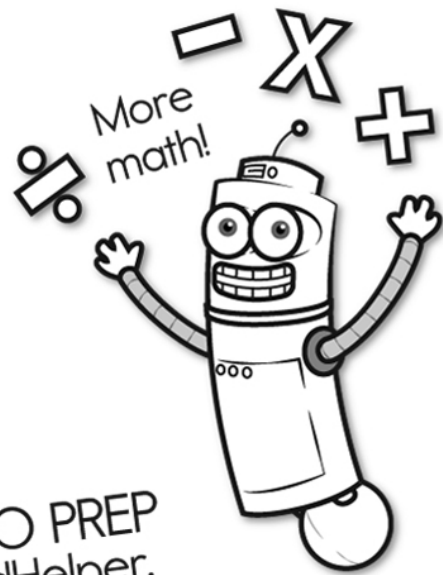
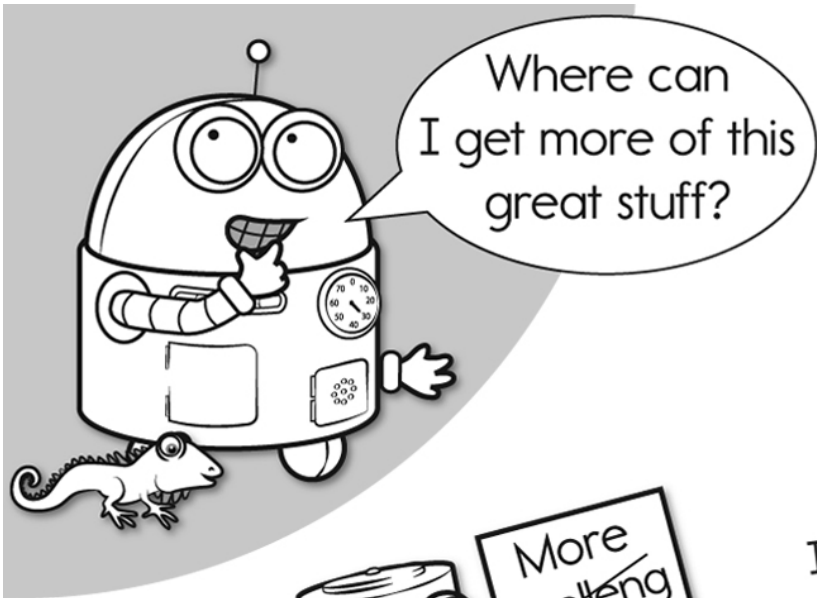


ANSWER KEY
1. $14 + 6 = 20$
2. $33 - 8 = 25$
3. $22 + 11 = 33$
4. $59 - 2 = 57$
5. $47 - 19 = 28$

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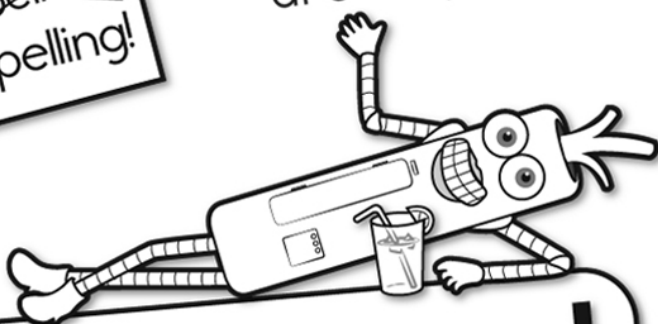


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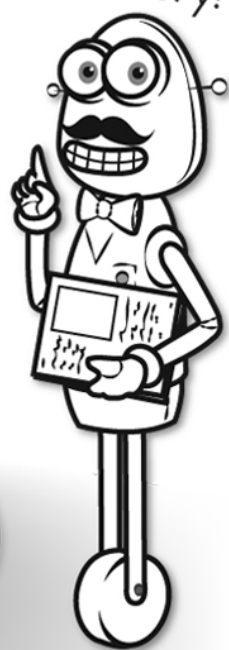


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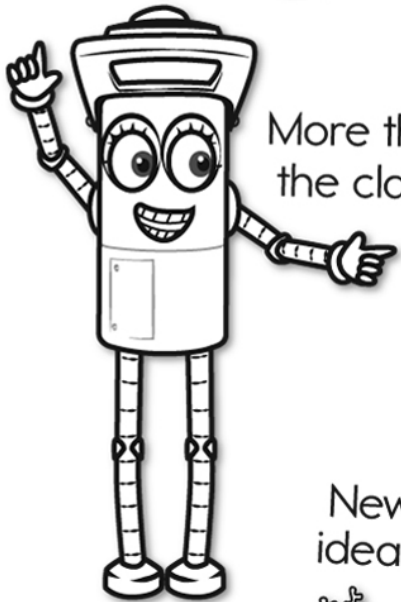
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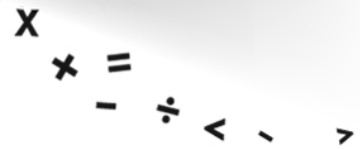
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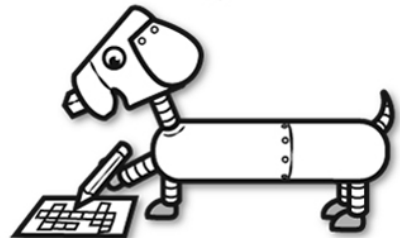
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