



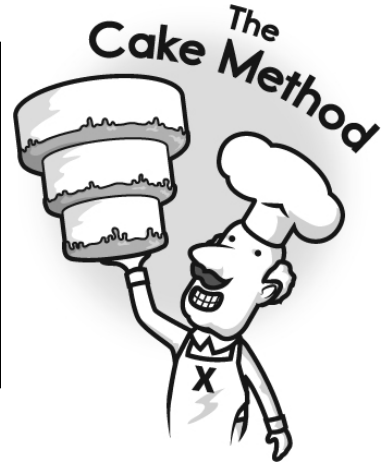
Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Find the LCM using the Birthday Cake method.

<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>3 36 54</p> <hr/> <p>3 12 18</p> <hr/> <p>2 4 6</p> <hr/> <p style="padding-left: 20px;">2 3</p> </div> <div style="width: 5%; text-align: center;"> <p>2</p> <hr/> <p>LCM: _____</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>2 14 20</p> <hr/> </div> <div style="width: 5%; text-align: center;"> <p>LCM: _____</p> </div> </div>
<p>LCM: <u>$2 \times 3 \times 3 \times 2 \times 3 = 108$</u></p>	



<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>5 240 140</p> <hr/> </div> <div style="width: 5%; text-align: center;"> <p>2</p> <hr/> </div> </div> <p>LCM: _____</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>2 10 16</p> <hr/> </div> <div style="width: 5%; text-align: center;"> <p>2</p> <hr/> </div> </div> <p>LCM: _____</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>2 16 18</p> <hr/> </div> <div style="width: 5%; text-align: center;"> <p>LCM: _____</p> </div> </div>
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<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>96 240</p> <hr/> </div> <div style="width: 5%; text-align: center;"> <p>LCM: _____</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>90 30</p> <hr/> </div> <div style="width: 5%; text-align: center;"> <p>LCM: _____</p> </div> </div>
<p>LCM: _____</p>	



Name: _____

Spin again.

I needed to spin _____ time(s) to finish.

Find the LCM using the Birthday Cake method.

2	36 20	2	22 16	3	33 18
2	18 10				
	9 5				
LCM: $2 \times 2 \times 9 \times 5 = 180$		LCM: _____		LCM: _____	

6	72 66	10	120 50	3	36 30
LCM: _____		LCM: _____		LCM: _____	

112 56	40 26
LCM: _____	

Name: _____

Professor Bloop estimated there were twenty-five million bacteriophages in a petri dish of bacteria. If he had thirteen such petri dishes, what was the total number of bacteriophages?

David does not know the answer to two questions on a multiple choice exam. The first question has five choices and the second question he does not know has six choices. What is the probability that he will get both questions wrong?

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted can send 14 texts in 1 minute and 38 seconds. At precisely 3:25 and 0 seconds, Ted sat outside the school and started to send texts. He sent texts until 3:49 and 0 seconds when his phone ran out of power. How many texts do you think Texty Ted completed and sent?

In each group, circle the number that has the greatest value, and put a square around the number that has the least value.

3^2

3^3

3^1

3^4

6^4

6^5

6^6

6^3



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

M, F, L, E, K, D, J, _____,
I, B

Write $\frac{5}{10}$ in lowest terms.

Round 11,607 to the nearest thousand.

The area of a rectangle is 28 cm^2 . What could the length of the 4 sides be?

172, 147, 124, 103, 84, 67,
52, _____, 28, 19, 12, 7

7, 8, 15, 23, _____, 61, 99,
160, 259, 419, 678, 1097,
1775

Rewrite $\frac{8}{25}$ as a decimal.

$$\frac{5}{7} \times \frac{2}{12}$$

$$\frac{2}{24} \div \frac{1}{6} =$$

$t - 7 + t = 35$
What is the value of t ?

$$15 \div 3 \times 11$$

If $s = 8$ and $t = -42$ then what is the value of x ?
 $5s + 10t - 3t = x$



Name: _____

Spin again.

I needed to spin _____ time(s) to finish.

$$18 \div 9 + 1$$

Round the decimal 0.655 to the nearest hundredth.

Round 76,577 to the nearest hundred.

34, 51, 68, 85, 102, _____,
136

Pick the family fact that is missing.

$$16 \times 6 = 96$$

$$96 \div 6 = 16$$

$$96 \div 16 = 6$$

What is 50% of 270?

$p - \$68 = \25
What is the value of p ?

What is the greatest common factor of the numbers 96 and 112?

$$6 \times 6 \times 6 \times 6 = 6^x$$

What is the value of x ?

Convert $42 \frac{6}{7}$ to an improper fraction.

Write as an algebraic expression.

786.9 multiplied by the difference of c and w

Rewrite as an algebraic expression or equation.

Eight subtracted from a number is forty-five.

Name: _____

<p>Connor is making cards with the symbols for different weights and measures on them. He has 24 sheets of paper. He uses $\frac{1}{3}$ sheet for each card. How many cards can he make?</p>	<p>There were 51 cows in the herd. Of that number, $\frac{3}{4}$ were brown, $\frac{2}{12}$ were black and white, and $\frac{1}{12}$ were black. Which group had more cows in it?</p>	<p>The artist used 150 ml of red paint on the huge canvas. What fraction of a liter did he use?</p>
---	--	---

<p>Ava rolls two dice. What is the chance of her rolling a 5 on one die and a 2 on the other die? _____</p>	$\begin{array}{r} 22 \\ + 36 \\ \hline \end{array}$	<p>$7,487 - 4,241 =$ _____</p>
---	---	---

<p>What is the largest possible sum of two two-digit numbers? Show the two numbers.</p>	<p>15 km = _____ m</p>	$\begin{array}{r} 411 \\ + 235 \\ \hline \end{array}$
---	------------------------	---

<p>Erin rolls a die. What is the chance of her rolling a 6? _____</p>	<p>$55 \div 5 =$ _____</p>	$\begin{array}{r} 74 \\ - 11 \\ \hline \end{array}$	<p>$7 \times 2 =$ _____</p>
---	---------------------------------------	---	--

Name: _____

$3 \times 6 =$	$\begin{array}{r} 854 \\ - 736 \\ \hline \end{array}$	<p>You are given five cards. One card has the number 1 on it, another card has a 2, another card has a 3, another card has a 4, and the last card has the number 5 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?</p>
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<p>What number is halfway between 11 and 17?</p>	<p>1 cm = 10 mm 21 cm = _____ mm</p>	<p>$7 \times 12 =$ _____</p>
--	--	---

<p>In the number 645,455,511, the digit 6 is in what place? _____</p>	<p>$4 \times 3 =$ _____</p>
---	--

<p>How many kilograms are in 7,000 grams? _____ kilograms</p>	<p>$56 \div 8 =$ _____</p>	<p>$7 \times 11 =$ _____</p>
---	---------------------------------------	---

<p>$35 \div 5 =$ _____</p>	<p>Which is the better buy? Seven bags of candy for \$63 or two bags of candy for \$16?</p>	<p>$36 \div 3 =$ _____</p>
---------------------------------------	---	---------------------------------------

<p>$5 \times 10 =$ _____</p>	<p>$93,272 - 85,355 =$ _____</p>
---	---

Name: _____

0 • 2 • = • 8 • 1 • + • 6 • + • 3 • = • 1 • 0 • 1 • - • 5 • 5 • 7
5 • 0 • 7

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

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

$2 \times 7 =$ _____

$49 \div 7 =$ _____

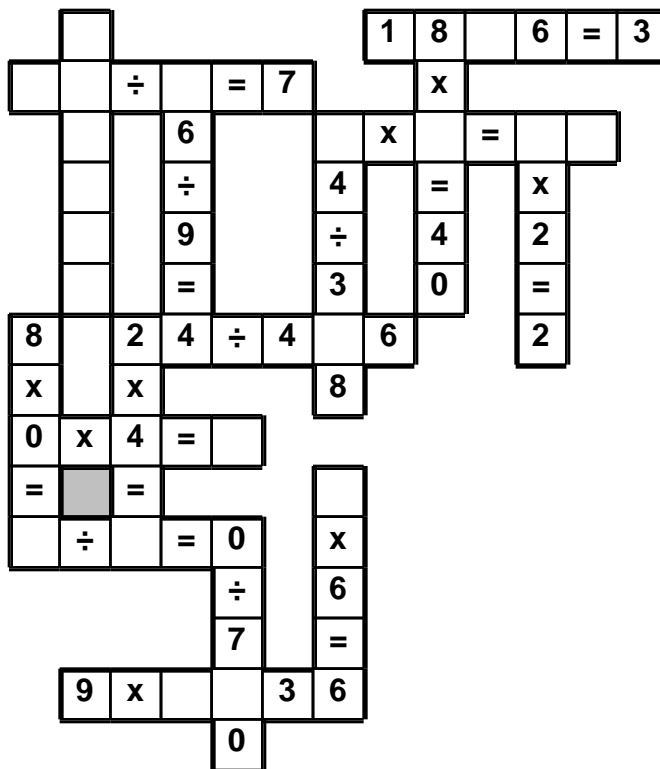
$18 \div 9 =$ _____

Circle the digit in the hundredths place.
34.789

Name: _____

8 • ÷ • 2 • 1 • 3 • ÷ • 2 • 5 • 1 • 0 • 9 • = • 9 • = • 0 • 1
0 • 8 • 4 • =

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



26% of 100 is 26.
26% of 200 is 52.
26% of 500 is 130.

What is 26% of 700?

$56,442 - 15,784 = \underline{\hspace{2cm}}$

$10 \times 10 = \underline{\hspace{2cm}}$

$2 \times 6 = \underline{\hspace{2cm}}$

$7 \times 3 = \underline{\hspace{2cm}}$

$72,446 - 12,671 = \underline{\hspace{2cm}}$

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.

Every row must contain the numbers 1, 2, 3, 4, 5, and 6.

Every column must contain the numbers 1, 2, 3, 4, 5, and 6.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

11+	9+	13+			6+
		5+	14+	2	
4				15+	6
9+					
12+	6+		8+	6+	10+
		5			

Fill in the blanks. These equations are from the puzzle above.

$6 + \underline{\quad} = 10$

$\underline{\quad} + \underline{\quad} + 3 = 14$

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

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

$6 + \underline{\quad} + \underline{\quad} = 15$

$\underline{\quad} + 3 + \underline{\quad} = 12$

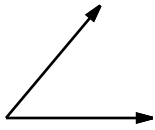
$6 + \underline{\quad} + \underline{\quad} = 13$

$\underline{\quad} + \underline{\quad} + 6 = 9$

$\underline{\quad} + 1 = 6$

$\underline{\quad} + \underline{\quad} + 4 = 11$

Name: _____



What kind of angle is this?

Sketch 2 lines \overleftrightarrow{DE} and \overleftrightarrow{VW} that are intersecting.

Sketch 2 lines \overleftrightarrow{IJ} and \overleftrightarrow{UV} that are perpendicular.

Sketch 2 lines \overleftrightarrow{DE} and \overleftrightarrow{ST} that are parallel.

Sketch an obtuse angle named $\angle CDE$.

Sketch an acute angle named $\angle CDE$.

Sketch a right angle named \angle

An angle measures 23° .
What would you call this angle?

What kind of angle has a measure of between 90° and 180° ?

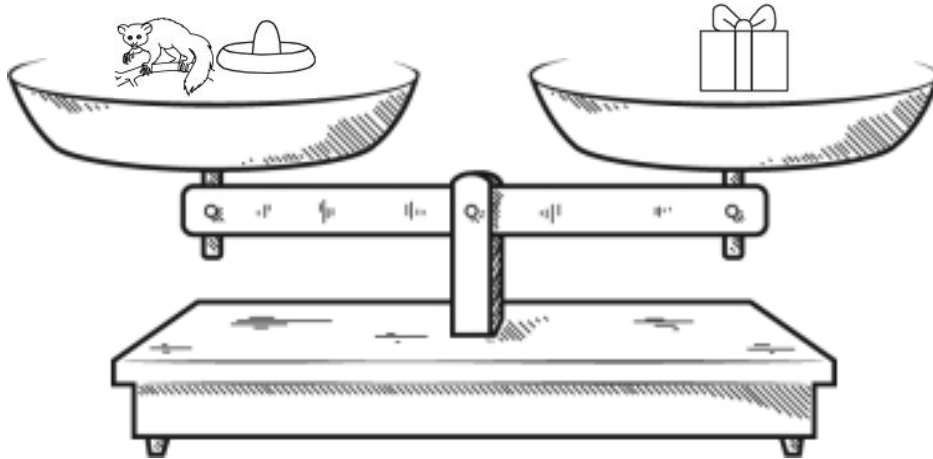
Sketch an acute angle named $\angle DEF$.

Use a protractor to draw an acute angle $\angle FGH$.

Use a protractor to draw a 135° angle.

Use a protractor to draw an obtuse angle \angle

Name: _____



True False

True False

True False

True False

True False

True False

True False

Did you find that two are true? If not, look again!
You should only mark TRUE if you are absolutely sure it is correct!

Name: _____



Each box in the grid has an area of 1 square inch.

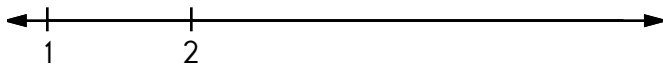
a. Draw a square with an area of 25 square inches.

b. Draw a square with a perimeter of 8 inches.

1	2	3	4
6	9	12	15
18	21	24	27
30	33	36	39
42	45	48	51

a. If this pattern continues, in which column would the number 78 be?

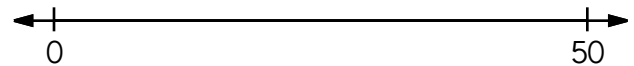
b. If this pattern continues, would the number 115 be in any of the columns? If so, which column?



a. Show where 5 should go.

b. Show where $4\frac{1}{2}$ should go.

c. Show where $3\frac{1}{3}$ should go.



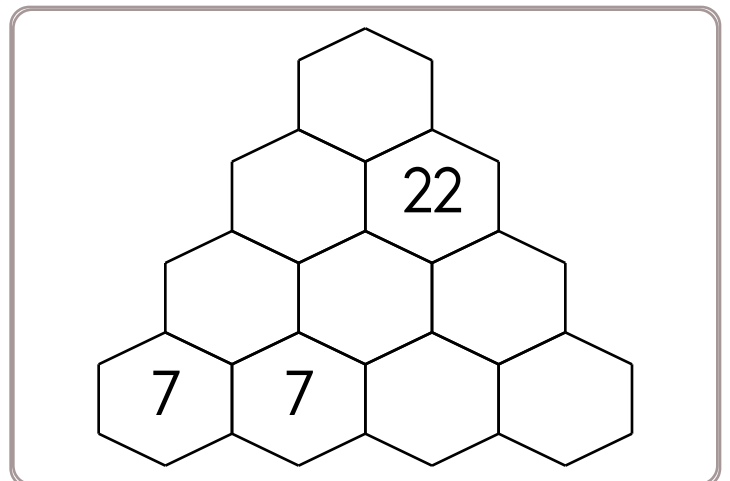
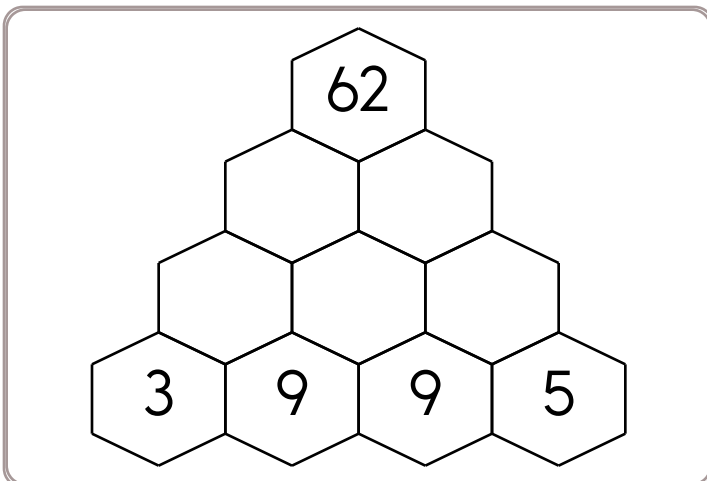
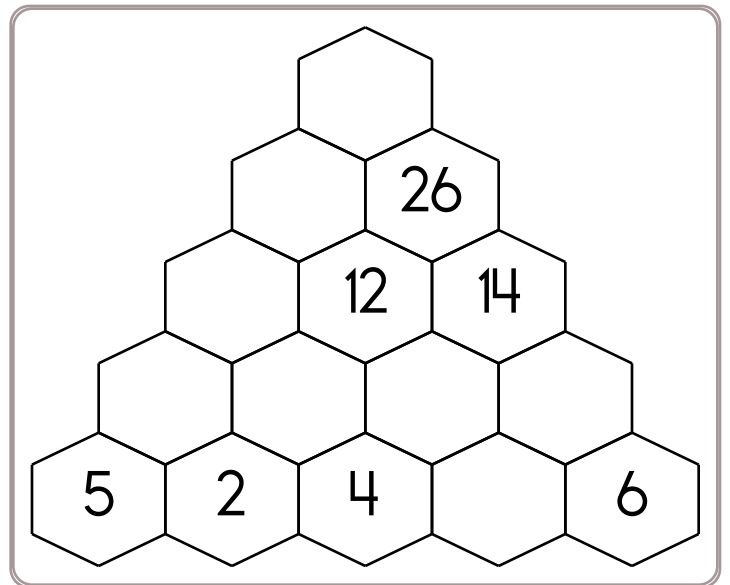
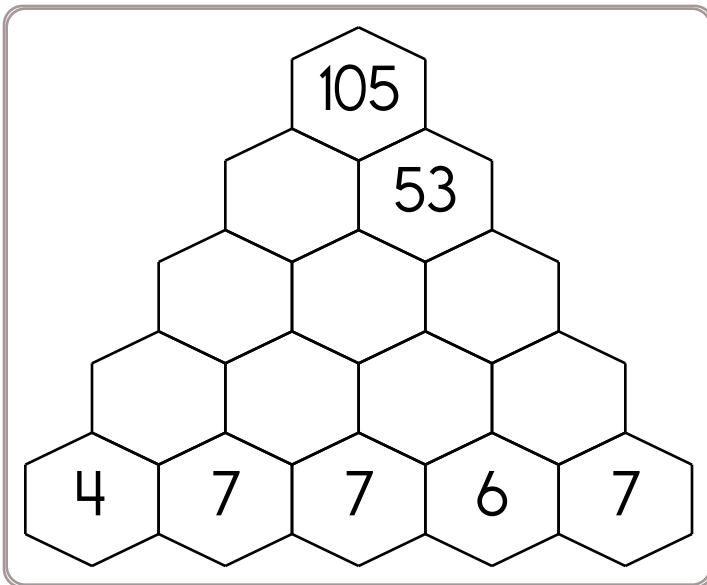
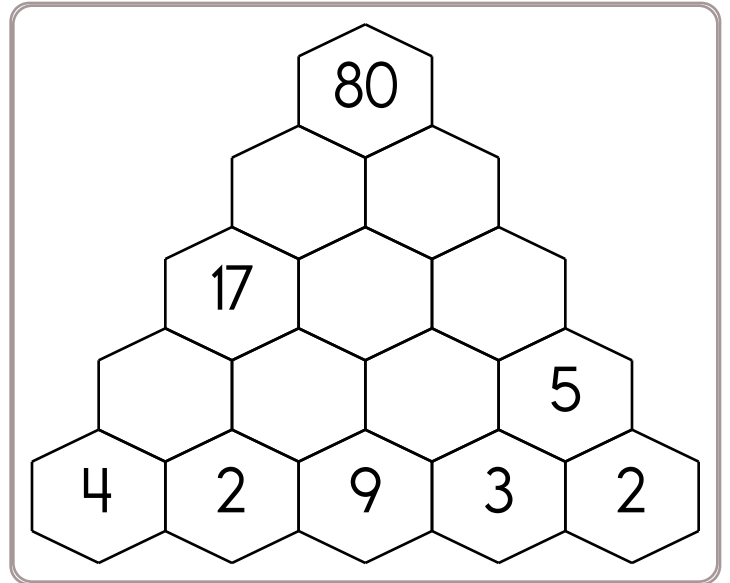
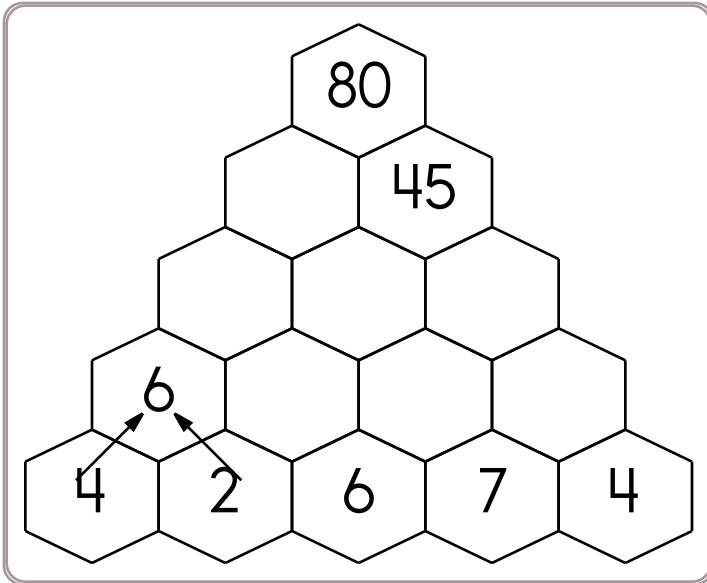
a. Show where 40 should go.

b. Show where 5 should go.

c. Show where 17 should go.

Name: _____

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



Name: _____

What is 33% of 300?

Anna made a board game. The game has 50 spaces on it. She wants to color 46% of the spaces green. If someone lands on a green space, they get \$100. How many spaces on the board will she color?

There were 186 people at the fall fair, including 69 adults and 117 children. What percent of the people at the fall fair were not adults?

Find 279% of \$500.

Name: _____

Amy is helping her parents at their jewelry store. Their store sold 7 pairs of hoop earrings for \$5.09 each and 7 pairs of twisted earrings for \$3.30. What was the average cost of one pair of earrings from all of these sales?

Rosa is always running out of batteries, so she's going to stock up. At the store, the best deal she could find was a pack of 20 batteries for \$8. She has \$55. How many packs can she buy? She cannot break a pack into parts or the owner will not be happy!

Emily's car averages 16 miles per gallon. Hannah's car is more efficient and travels about 20 miles on one gallon of gas. If the girls each drive their cars 320 miles, how much more gas will Emily's car need?

Jenna figured out that 15% of 50% of 160 is equal to 12. "Whew!" she thought. "Just a simple multiplication equation once those percents are changed to decimals." Make a multiplication equation to show that her answer is correct.

Name: _____

Mental Math

— #1 —

◆ Start with the number 399.

399



◆ Add the number of ounces in 1 pound.

9 8 1 1 4 4 1 5 6 8 (Circle your answer to double check you are correct.)

◆ Add half of 50.

6 4 4 0 3 6 2 2 9 1

◆ Increase that number by 6.

6 6 4 0 2 9 4 4 6 3

◆ Divide that number in half.

4 1 2 2 3 3 6 4 1 0

◆ Add half of 48.

2 4 7 7 3 0 9 1 4 9

◆ Add the digits in your number. The sum of that is your new number.

3 6 1 3 1 3 2 5 6 0

◆ Add the number of inches in 2 feet.

7 0 1 3 7 7 3 7 8 5

◆ Add 12.

4 3 2 4 3 5 7 4 9 0

◆ Find the square root.

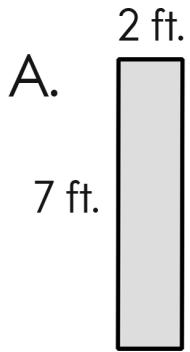
8 9 7 0 9 8 2 6 7 8

◆ Add 17.

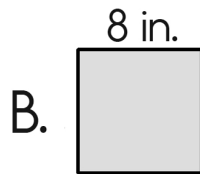
3 4 2 9 2 4 4 3 6 3

Name: _____

Find the perimeter by adding all the side measurements.



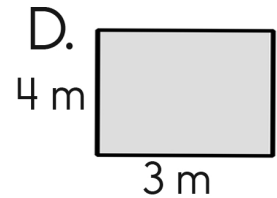
= ___ ft.



= ___ in.



= ___ in.



= ___ m



Fill in the blanks.

The perimeter of a rectangle is 20 ft. Its width is 6 ft. What is the length? _____

Draw it here.

The perimeter of a square is 16 cm. What length is each side?

Draw it here.

Fill in the blanks.

The perimeter of a square is 25 in. What length is each side?

Draw it here.

The perimeter of a rectangle is 45 m. It's length is 5 m longer than its width. What is the width and length?

Draw it here.

Name: _____

What number multiplied by 10 has a product of -250?

Sarah can't wait for her friend to visit.

"As soon as you leave the airport, drive 49 miles to exit 5," says Sarah.

"I don't think you mean miles. They use kilometers here," says Ava.

Help Sarah tell Ava how many kilometers to drive. Use 1 mile = 1.6 kilometers.

$$9 \times (40 \div 5) - 66 \div 11 =$$

$$0.02 \times 0.8$$

$$8 \times 8 \times 8 \times 8 = Z^y$$

What is the value of Z
and y?

Name: _____

$$19h - 12.8 = 89.8$$

h =

$$\frac{3}{6} \times \frac{2}{5}$$

$$0.9 (0.5 (0.9 + 7)) =$$

What is the remainder of 21 divided by 6?

Each side of a regular pentagon is 54.3 centimeters. What is the perimeter?

If $x = 9$ and $j = -53$ then what is the value of f ?
 $12x - 8j - 4j = f$

Rewrite as an algebraic expression or equation.

Four thousand, five hundred eighty-seven minus the product of a and 25.3.

$$|-8| - v = 6$$

v =

What is the greatest common factor of the numbers 144 and 128?

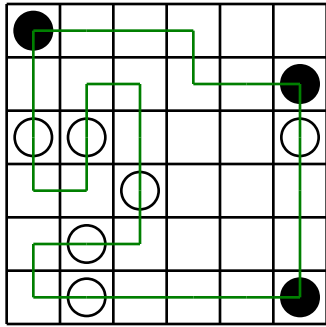
$$6 \times 6 = x^2$$

What is the value of x?

Rewrite $\frac{16}{25}$ as a decimal.

$25 - 23 + t = 15$
What is the value of t?

Name: _____

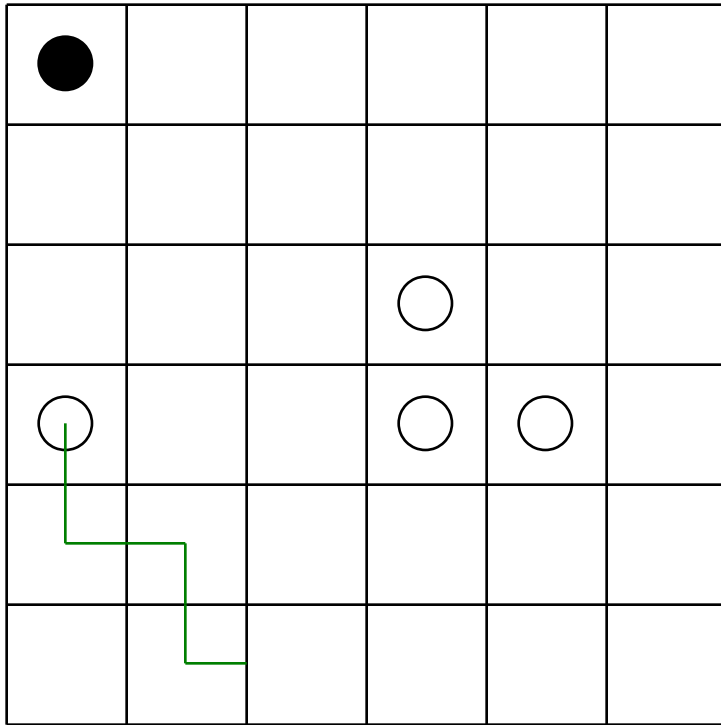


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

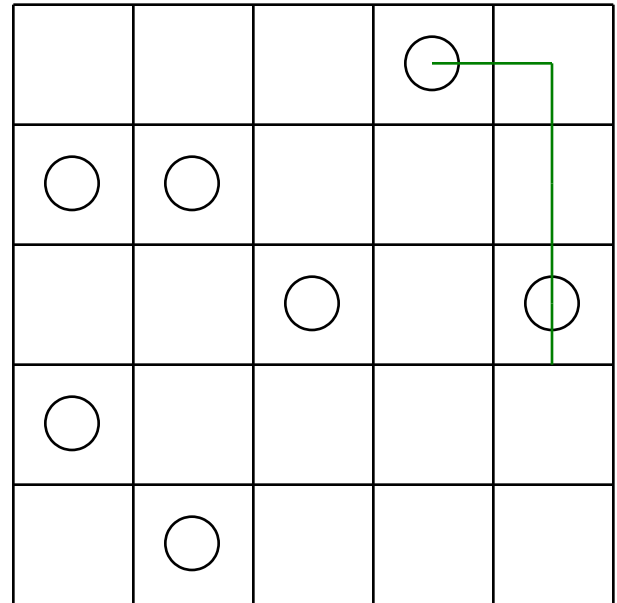
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



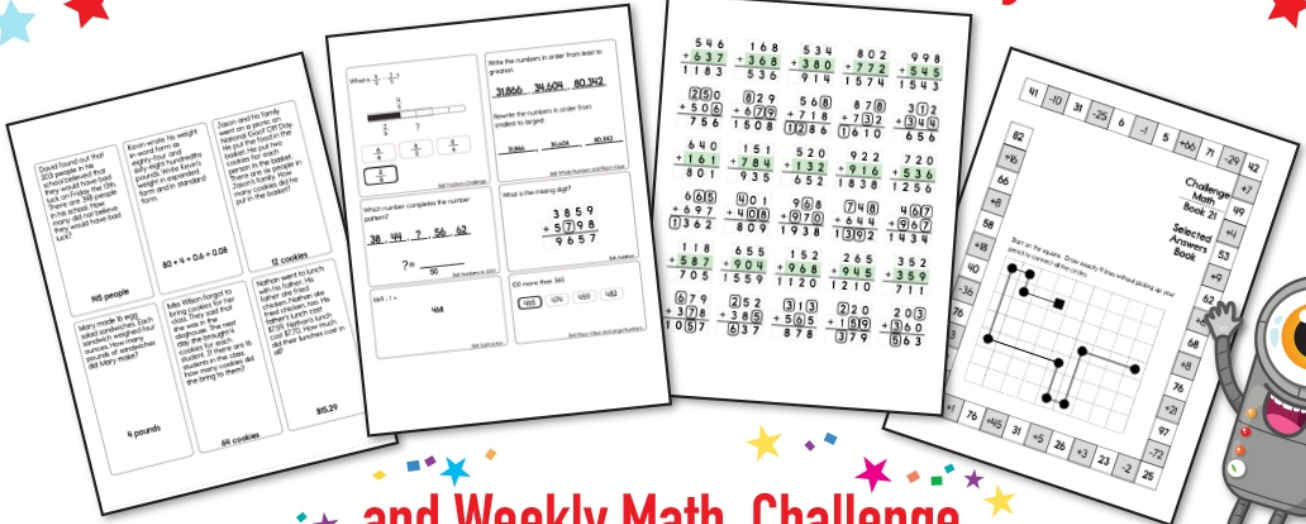
Write 1,862,019 in words.

$2 \times 2 =$ _____

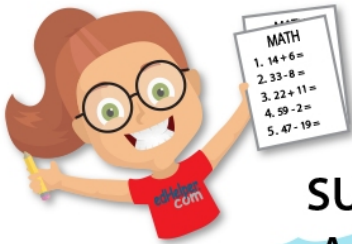
$(5 + 7) + 7 =$ _____

The product of two consecutive whole numbers is 240. What are the two consecutive whole numbers?

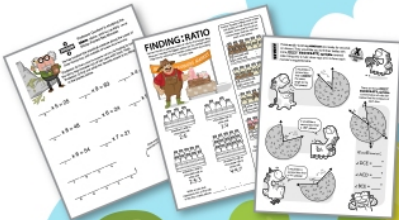
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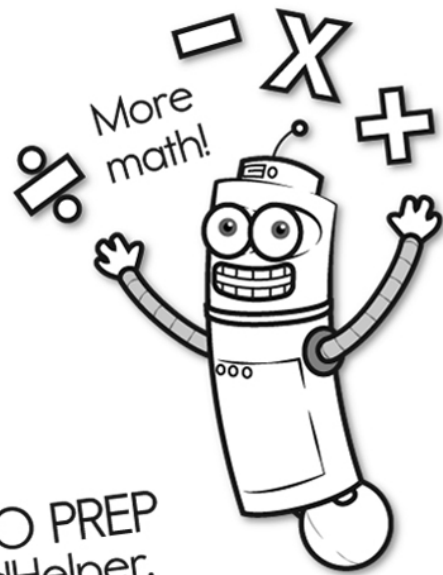
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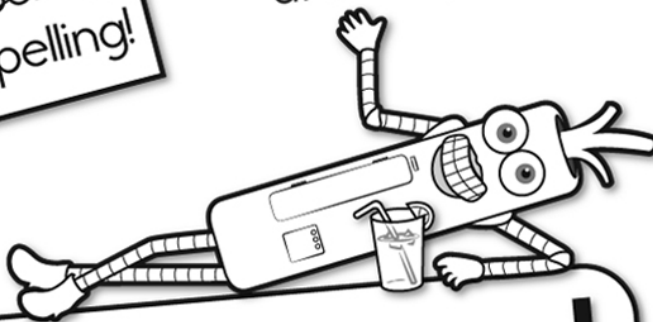


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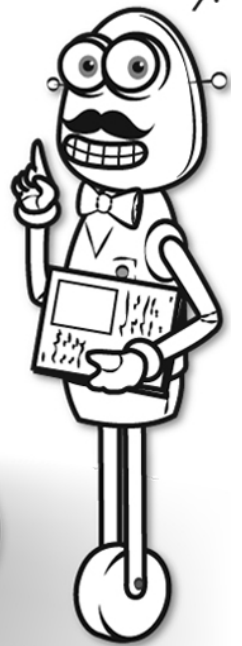


It's NO PREP at edHelper.

More history!



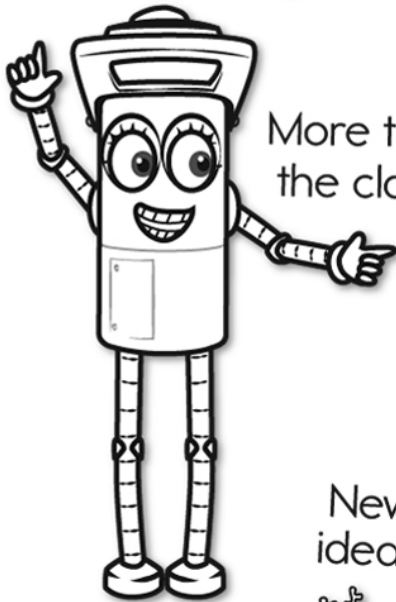
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New online math games!



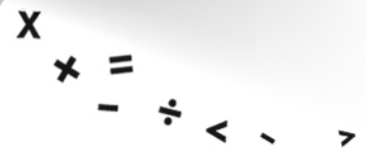
More things for the classroom!



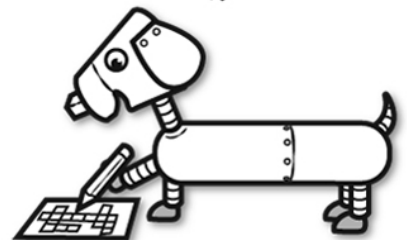
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