

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

Emma is making a super snow cake outside in the snow. She's trying to follow a recipe that someone texted in her school group chat. Unfortunately, the recipe calls for 25 cups of snow, and she doesn't have a bucket that is exactly a cup or even anything divisible by 25. She does have a bucket that holds 3 cups, another that holds 8 cups, and one that holds 12 cups. If she wants to make a pile with exactly 25 cups of snow, how could she do it?

Show your work.

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



$___ \div 9 = 8$

$24 \div ___ = 8$

$___ \div 6 = 6$

$16 \div ___ = 8$

$___ \div 7 = 6$

$20 \div ___ = 5$

$___ \div 2 = 4$

$18 \div ___ = 9$

$54 \div ___ = 9$

$___ \div 7 = 3$

$42 \div ___ = 7$

$___ \div 5 = 8$

$4 \overline{)172}$

$3 \overline{)33}$

$99 \overline{)891}$

$43 \overline{)258}$

$6 \overline{)276}$

$13 \overline{)78}$

$36 \overline{)144}$

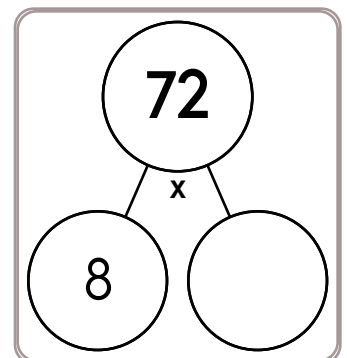
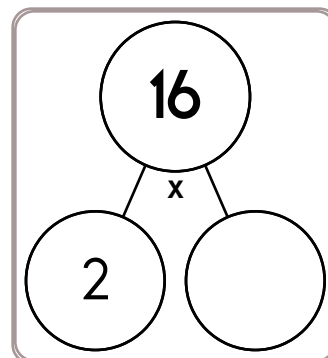
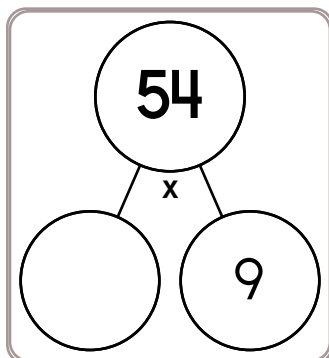
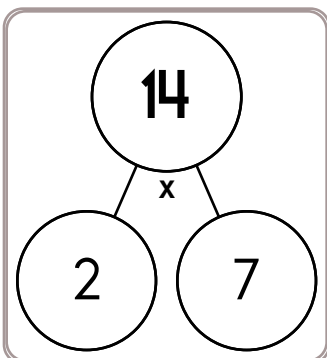
$8 \overline{)120}$

$47 \overline{)376}$

$4 \overline{)264}$

$5 \overline{)305}$

$34 \overline{)136}$



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



$520 \div 65 =$

$268 \div 4 =$

$720 \div 90 =$

$120 \div 30 =$

$546 \div 7 =$

$56 \div 14 =$

$264 \div 6 =$

$126 \div 2 =$

$9 \overline{)90}$

$7 \overline{)21}$

$6 \overline{)12}$

$2 \overline{)18}$

$6 \overline{)60}$

$3 \overline{)36}$

$11 \overline{)110}$

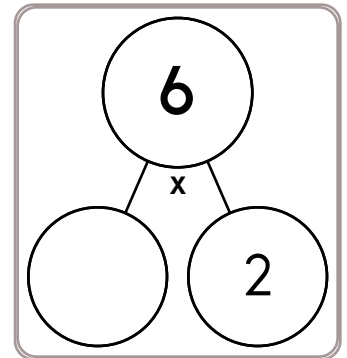
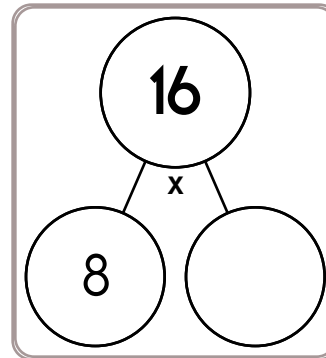
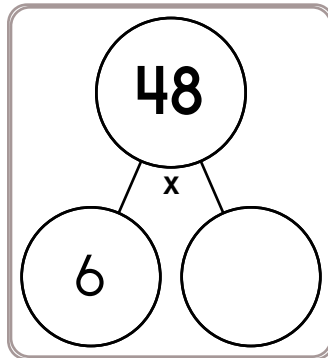
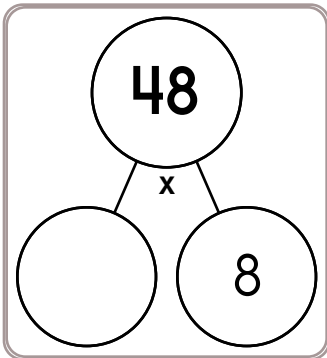
$9 \overline{)81}$

$7 \overline{)63}$

$4 \overline{)8}$

$5 \overline{)60}$

$7 \overline{)42}$



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

Holly wanted to make peanut butter cookies. She bought a jar of peanut butter for \$2.37, a pound of flour for \$0.72, a pound of butter for \$2.78, and a dozen eggs for \$1.14. How much did she spend in all?

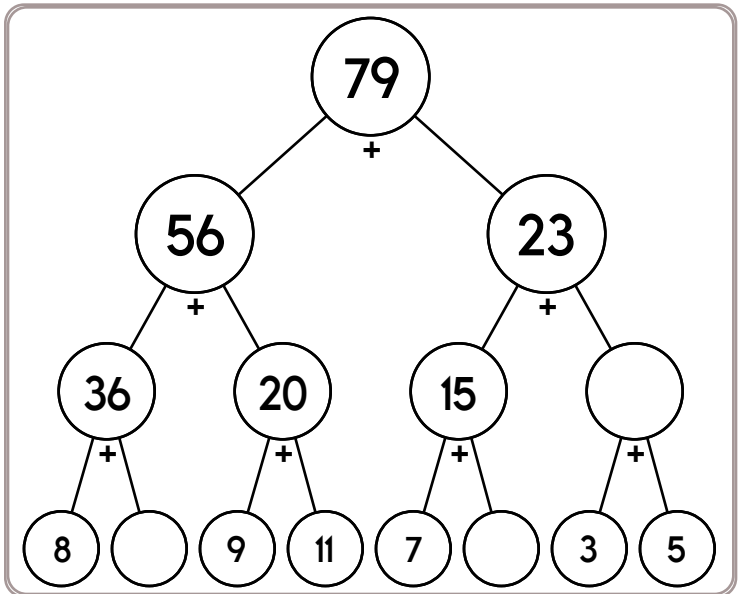
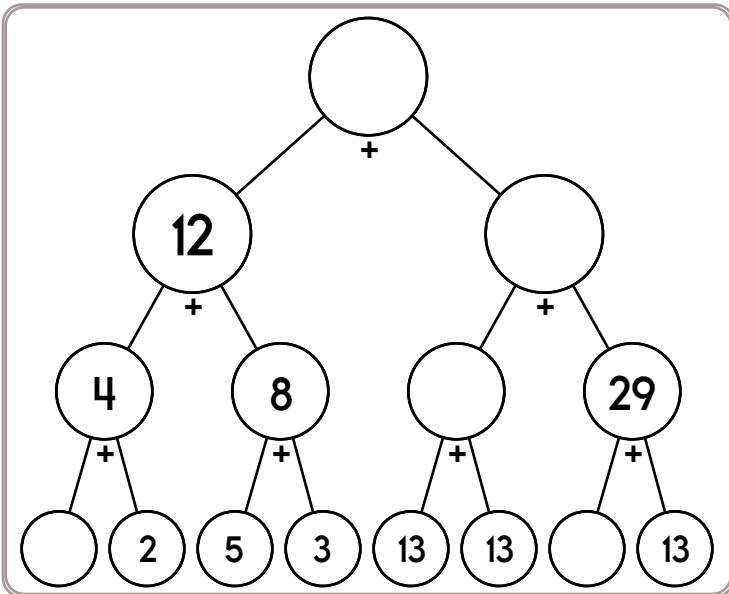
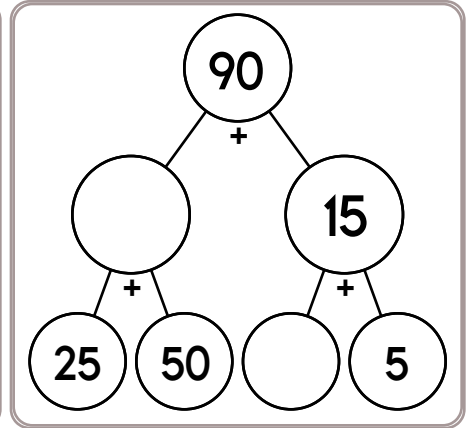
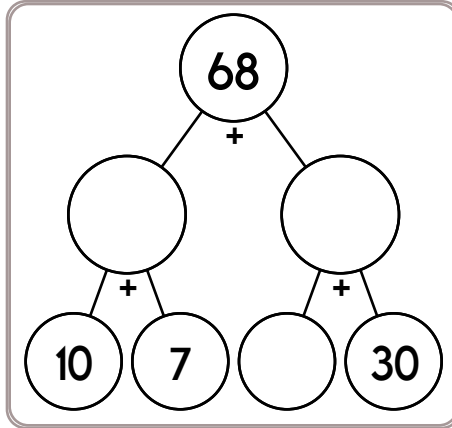
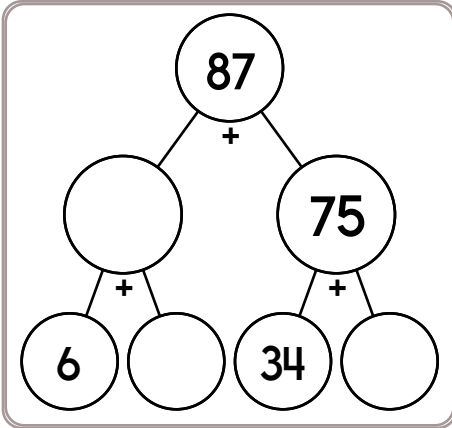
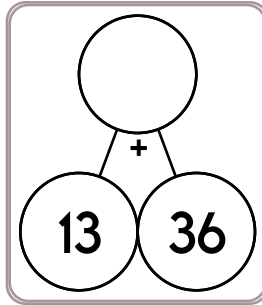
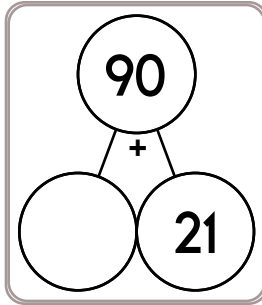
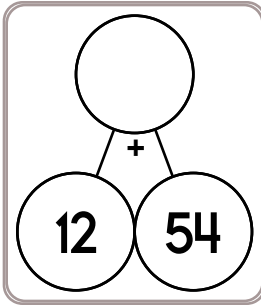
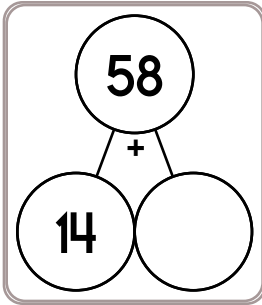
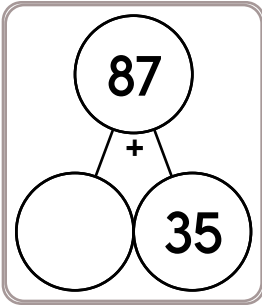
Sara weighed her basketball. Filled with air, it weighed 3.5 pounds. If all the basketballs in the gym weighed the same amount, how much would eleven basketballs weigh?

Erin earned \$66.31 working 8 hours babysitting. Holly worked the same number of hours, but she earned \$76. How much more was Holly paid per hour than what Erin got per hour?

Robert was having so much fun making cupcakes for his class. He made  $3\frac{2}{4}$  dozen of them! But there are only 21 kids in his class. Luckily everyone ate one cupcake except for Erin. How many cupcakes are left over?

word root **ab** can mean **away**      **abnormal, abrupt**

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



Write  $\frac{10}{15}$  in lowest terms.

Know how many inches in a foot? Okay, smarty pants, how many inches in 9 feet?

The radius of a circle is 359 cm. What is the diameter of this circle?

word root **acro** can mean **height**      **acrobat, acrobatic**

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

How much time is it from 6:00 a.m. to 11:45 a.m.?

The perimeter of a rectangle is 20 cm. The longer side is 6 cm. How long is the shorter side?

What 3 coins add up to 27 cents?

144 divided by 12 equals

$$7 + 35 \div 5$$

How many centimeters in 950.8 meters?

Sketch a right angle named  $\angle FGH$ .

An angle measures  $163^\circ$ .  
What would you call this angle?

Sketch an acute angle named  $\angle DEF$ .

Write the ratio as a fraction.  
4 dogs to 11 cats

Change to a percent.

$$\frac{2}{10}$$

Find 3% of 69.

What is the least common multiple of 5 and 8?

What is the least common multiple of 12 and 10?

What is the greatest common factor of 26 and 20?

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

Write as a decimal.  
Three and ninety-six  
hundredths

Write as a decimal.

$$\frac{3}{10}$$

Write as a decimal.  
Two tenths

$$\begin{array}{r} 123 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ \times 13 \\ \hline \end{array}$$

Multiply 2209 and 9.

$$9\frac{3}{5} + 7\frac{2}{5}$$

37, 48, 59, 70, 81,

\_\_\_\_\_, 103

How much time is it from  
9:00 a.m. to 11:55 a.m.?

How many meters are  
there in 174 kilometers?

It was 5 degrees below  
zero in the morning. By  
afternoon the temperature  
rose 24 degrees. How  
warm was it?

Write the missing family  
fact.

$$144 \div 8 = 18$$

$$8 \times 18 = 144$$

$$144 \div 18 = 8$$

What 5 coins add up to 51  
cents?

The radius of a circle is 249  
cm. What is the diameter  
of this circle?

The perimeter of a  
rectangle is 18 cm. The  
longer side is 7 cm. How  
long is the shorter side?

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

X		2				11
						22
	__x__	__x 2	__x__	__x__	__x__	__x 11
					40	
	__x__	__x 2	__x__	__x__	__x__	__x 11
		18				
	__x__	__x 2	__x__	__x__	__x__	__x 11
	36			54		
	__x__	__x 2	__x__	__x__	__x__	__x 11
8	32					88
	8 x __	8 x 2	8 x __	8 x __	8 x __	8 x 11
	48				60	
	__x__	__x 2	__x__	__x__	__x__	__x 11
9				54	45	
	9 x __	9 x 2	9 x __	9 x __	9 x __	9 x 11
			24			88
	__x__	__x 2	__x__	__x__	__x__	__x 11

$\begin{array}{r} 32 \\ - 15 \\ \hline \end{array}$	$(8 + 9) + 9 =$	Circle the addition property for $67 + 79 = 79 + 67$ . associative property commutative property
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word root **hypn** can mean **sleep**      **hypnotize**

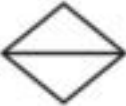












Name: \_\_\_\_\_

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

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

Each row, column, and box must have 6 different pictures.



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

Find 2 equations hidden in each box. Good luck!

36      93 + 4  
 92 + 6      53      82  
 57      7 + 43  
**70 + 8**      23      9 + 92  
 38  
 51      21 + 2      11      3 + 27      80  
 83  
 2 + 82      59      4 + 49      100

Write 2 equations: \_\_\_\_\_

8      9 - 3  
 1      1 - 0  
 5 - 5      6 - 4      0      7

Write 2 equations: \_\_\_\_\_

3 x 9      42      5  
 6 x 2      49      10      0 x 2  
 3 x 8      3  
 5 x 6      7      6 x 1      1 x 5  
**28**      8 x 6      3 x 7      7 x 7  
 20      16

Write 2 equations: \_\_\_\_\_

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

Ready to make equations? There is a missing equation in each box.  
Circle the numbers once you find it!

**A**

73	78	18
- 14	41	70
19	16	39
66	53	75

Find a  
subtraction fact.

**B**

65	26	21
- 89	34	95
25	35	33
82	20	41

Find a  
subtraction fact.

**C**

84	57	87
- 54	63	31
95	96	55
86	47	52

Find a  
subtraction fact.

Equations:

Write the equation facts you found.

<b>A</b>	<b>53</b>	-	<b>39</b>	=	<b>14</b>
<b>B</b>		-	<b>21</b>	=	
<b>C</b>		-	<b>31</b>	=	

How many yards are in 21 feet?

\_\_\_\_\_ yards

1 kg = 1,000 g

12 kg = \_\_\_\_\_ g

What time is 15 hours after  
3:00 a.m.?

\_\_\_\_\_

3	4	4	
-	1	6	4
<hr/>			

The circus is in town! Tickets are only \$5 for kids. Adults need to pay double the price of kids tickets. Hannah is bringing two of her friends in her class. Her mom is also coming. Hannah wants to pay for everyone. How much will she need to pay?



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

Is 11 a composite or a prime number?

Is 15 a composite or a prime number?

triple 41 =

$12 \div 3 =$

Round 1156 to the nearest hundred.

Find the product of 8 and 3.

What number is halfway between 43 and 51?

What is the sum of 10 and 380?

The number 65 is more than the number 7 by how much?

If you exchange 50 dimes for dollars, then how many dollars would you get?

Double the number 8 three times.

There are 4 groups of 6 rocks. How many rocks?

How much greater is 173 than 38?

Holly has \$54. She wants to buy something that costs \$94. How much more does she need?

What is 16 less than 1,499?

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



**Are you busy?**

Complete this page to skip a few pages.

**Skip an additional 2 pages in this workbook if you finish this page!**

Instead of working on this book, here is a list of some things I plan on doing.

A couple of suggestions are listed. If you don't want to do these, just write 0 minutes!

Reading \_\_\_\_\_ minutes

Playing outside \_\_\_\_\_ minutes

I want extra time to go to bed early instead of doing homework! \_\_\_\_\_ minutes

Help with dinner \_\_\_\_\_ minutes

Write a story \_\_\_\_\_ minutes

Spending time with my \_\_\_\_\_ minutes

\_\_\_\_\_ minutes

\_\_\_\_\_ minutes

\_\_\_\_\_ minutes

\_\_\_\_\_ minutes

You don't need to fill in all of these lines unless you are THAT busy!

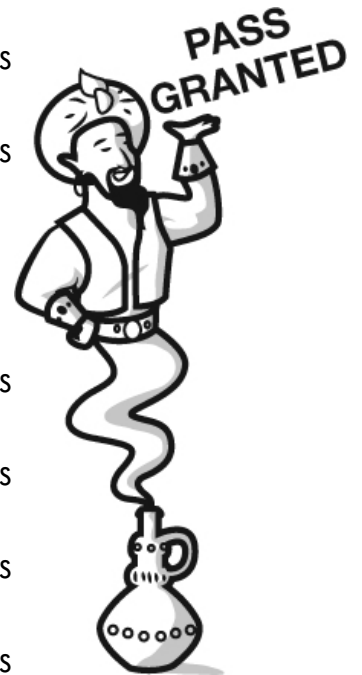
Last but not least, I also want to do something I don't usually do....

Maybe go up a slide backwards? \_\_\_\_\_ minutes

Meditate (say... what now?!?!?) \_\_\_\_\_ minutes

\_\_\_\_\_ minutes

\_\_\_\_\_ minutes



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

Unscramble these letters to spell a two-digit number with two different digits.

ngetynhei-i \_\_\_\_\_

freetyor-h \_\_\_\_\_ (43)

-ieyhevngset \_\_\_\_\_ (87)

Jenna drew a square with an area of 9 square centimeters. Eric drew a square with an area of 15 square centimeters. How much bigger is the perimeter of the square that Eric drew than the perimeter of the square that Jenna drew?

Pumpkins are on sale for \$2.48 per pound. Adam bought a 3-pound pumpkin. Jason bought a 6-pound pumpkin. How much more did Jason pay?

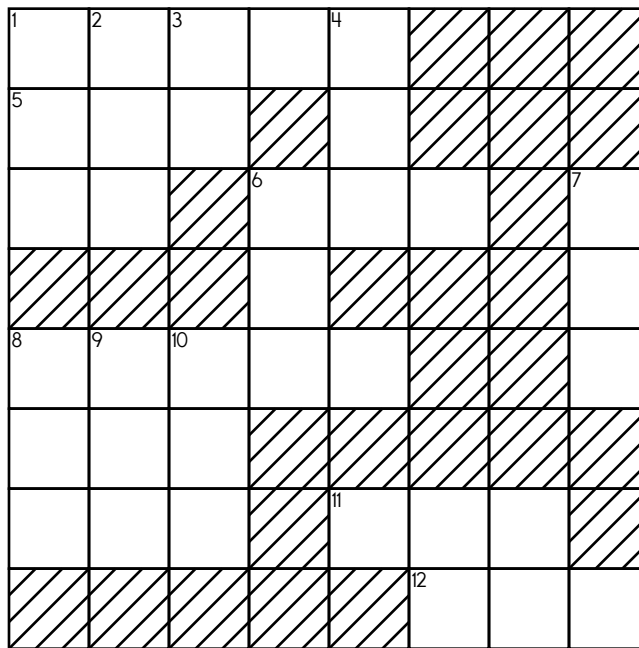
Name: \_\_\_\_\_

**ACROSS**

**DOWN**

- 3. Six less than 10-Across
- 5. 6-Across plus 9-Down
- 6. Four more than 9-Down
- 10. **Nickels in eleven dollars**
- 11. Seven more than 6-Across
- 12. Five less than 7-Down

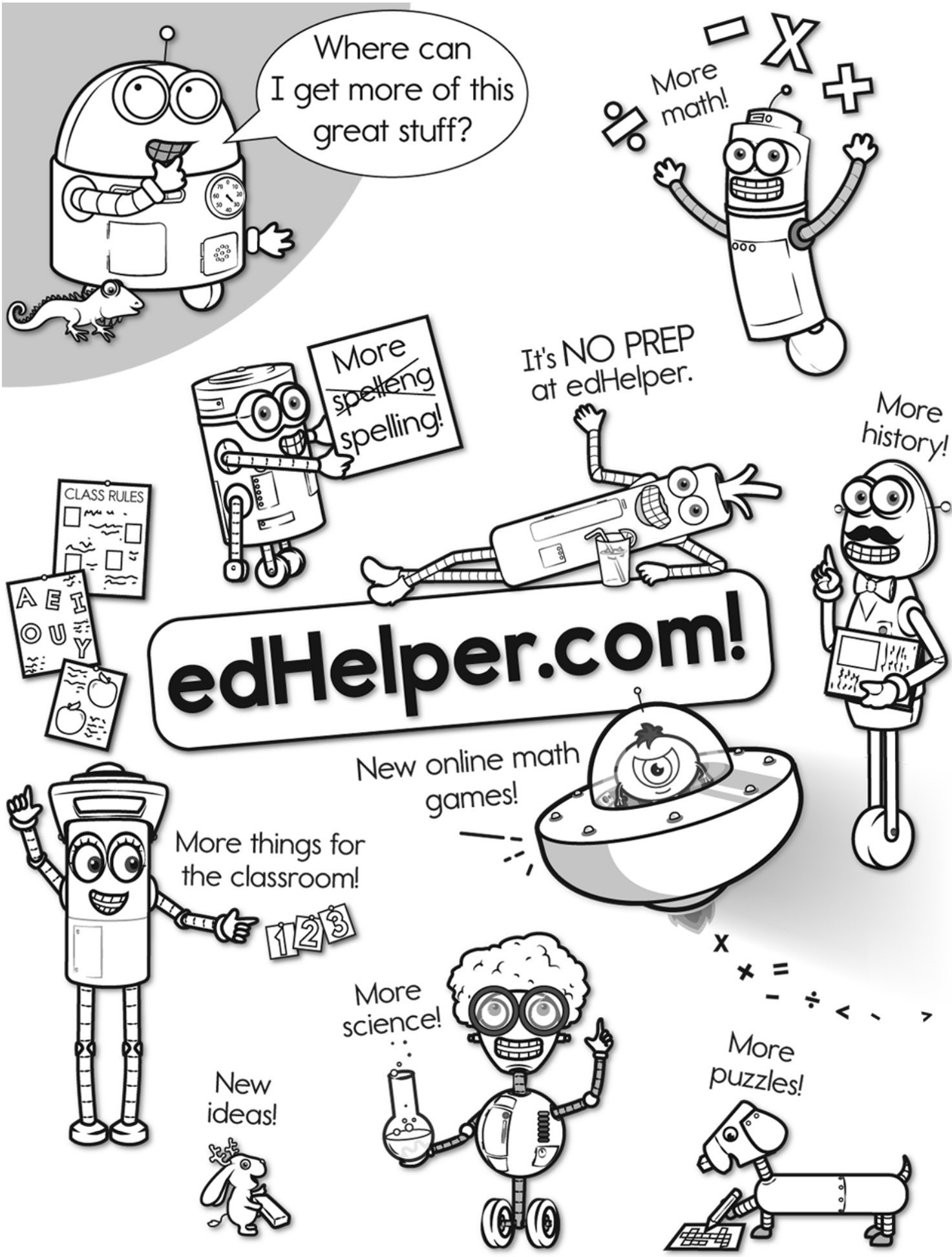
- 1. 10-Down plus 4-Down
- 2. One more than 3-Across
- 4. 10-Down plus 10-Across
- 6. One more than 10-Down
- 7. 10-Down plus 6-Down
- 8. 6-Across plus 4-Down
- 9. Six less than 6-Down
- 10. Nine less than 10-Across



$\begin{array}{r} 28 \\ + 36 \\ \hline \end{array}$	What can you multiply by 10 to get 7?	$\begin{array}{r} 398 \\ + 391 \\ \hline \end{array}$	$36 \div 4 =$
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How many digits are in ten times ten times ten times ten? _____	Choose the words that best complete the sentence. The twins told me that (their/there) grandmother knit them (their/there) matching sweaters.
--	--





Where can I get more of this great stuff?

More math!

More ~~spelleng~~ spelling!

It's NO PREP at edHelper.

More history!

edHelper.com!

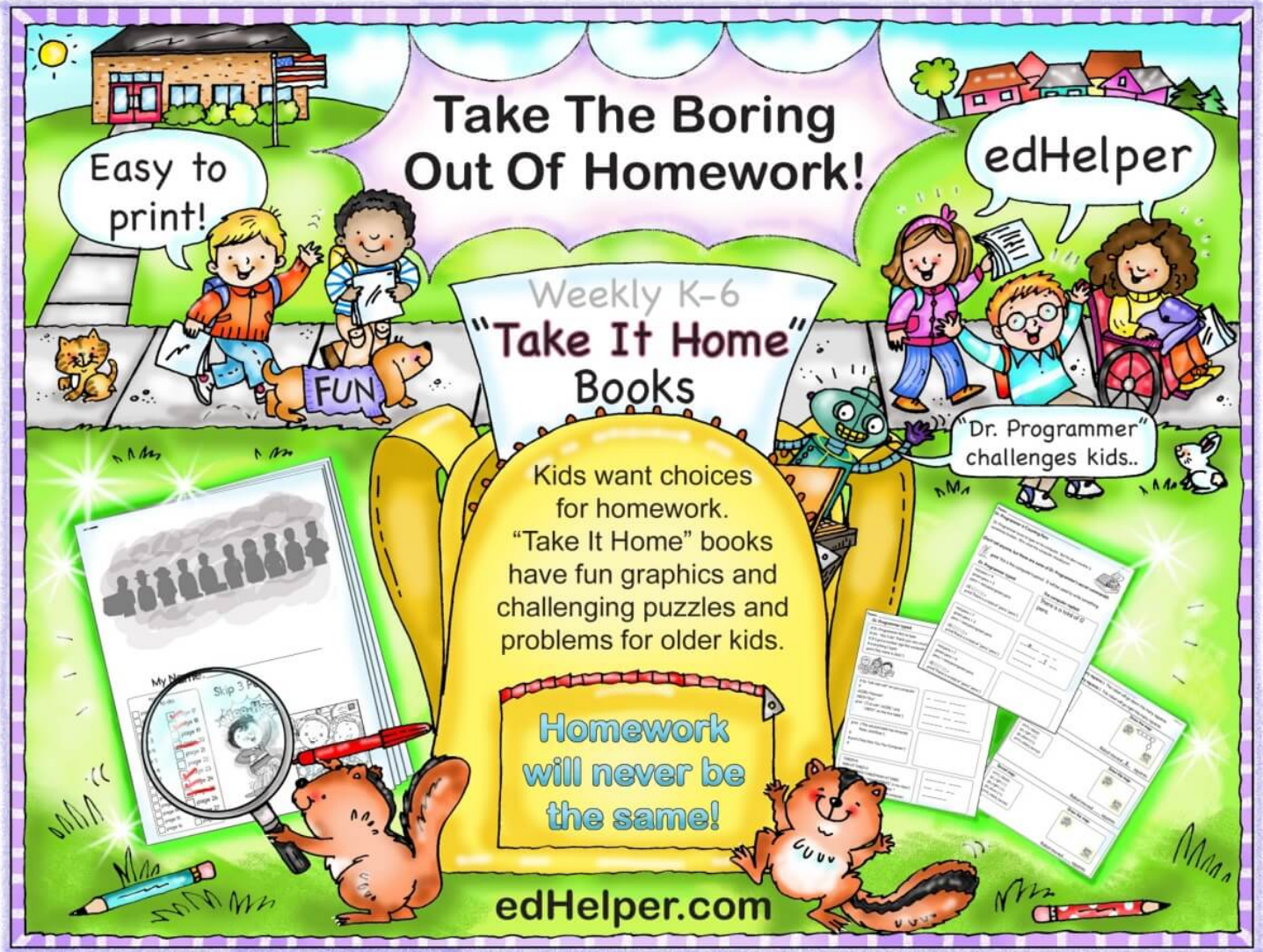
New online math games!

More things for the classroom!

More science!

New ideas!

More puzzles!



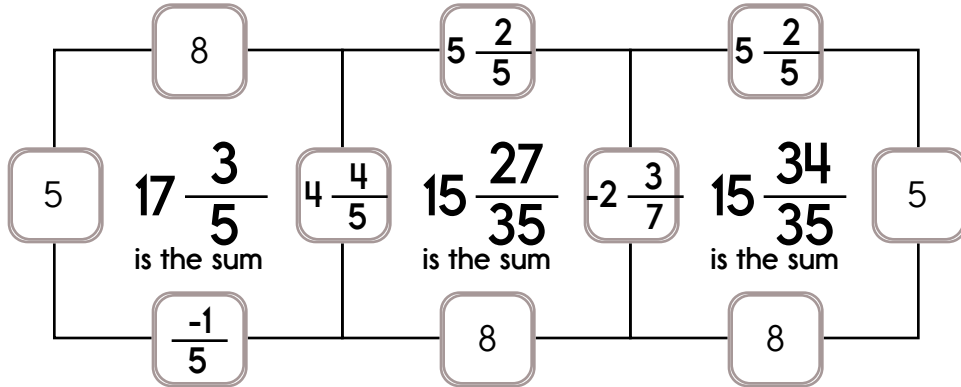
Name: \_\_\_\_\_

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

$$5 + 4\frac{4}{5} + 8 + \frac{-1}{5}$$

$$-2\frac{3}{7} + 5 + 5\frac{2}{5} + 8$$

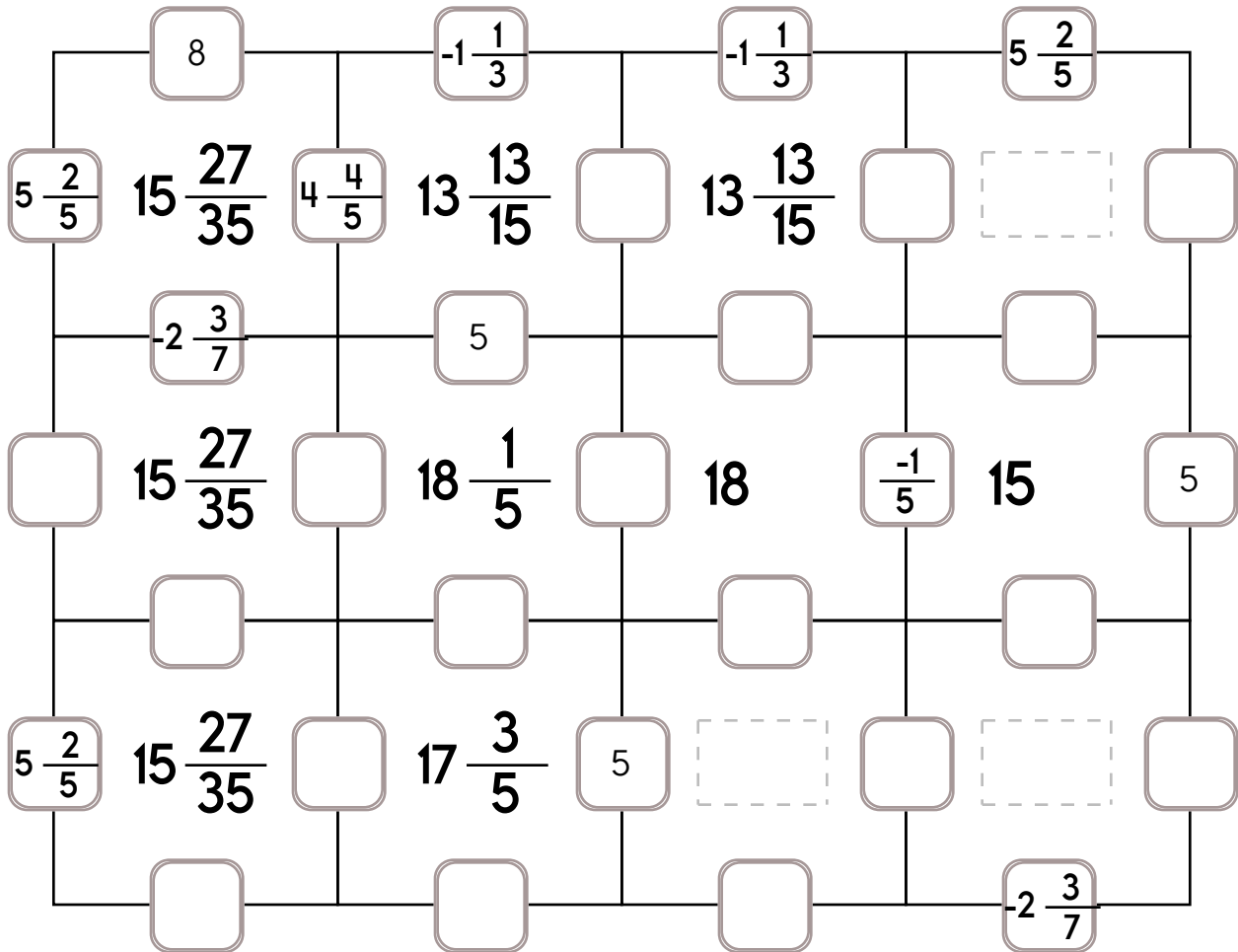
Sample:



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:  $\frac{-1}{5}$ ,  $-2\frac{3}{7}$ , or  $-1\frac{1}{3}$ .

The other three numbers have to all be DIFFERENT and must be from these:  $5\frac{2}{5}$ , 5,  $4\frac{4}{5}$ , or 8.



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:  $-3\frac{1}{3}$ ,  $-2\frac{4}{7}$ , or  $-1\frac{1}{4}$ .

The other three numbers have to all be DIFFERENT and must be from these:  $2\frac{2}{3}$ ,  $6\frac{2}{3}$ , 7, or 12.

	7		12		$6\frac{2}{3}$		12		
$-1\frac{1}{4}$	20	$\frac{5}{12}$	$2\frac{2}{3}$		7	13		$18\frac{1}{3}$	$2\frac{2}{3}$
	12				$2\frac{2}{3}$				
	$19\frac{2}{21}$		$22\frac{1}{3}$		$20\frac{1}{12}$		$24\frac{5}{12}$	$-1\frac{1}{4}$	
							$6\frac{2}{3}$		
	13		$22\frac{1}{3}$		$20\frac{5}{12}$		18		
	$20\frac{5}{12}$		$18\frac{16}{21}$		$13\frac{16}{21}$		13		
	$15\frac{1}{12}$		$19\frac{2}{21}$						

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

The answer is eight thousand, eight hundred.  
What is the question?

80 x 110  
800 x 811  
110 x 8000

Circle all of the sums which are odd.

71 + 68  
72 + 61  
70 + 56

If today is Tuesday, then what day was it 9 days ago?

Sunday  
Saturday  
Tuesday

If 100 cm = 1 m, then which of the following is equal to 17 m?

1700 m  
1700 cm  
170 m  
170 cm

What number is the largest whole number that is less than 183 and is a multiple of 8?

180  
176  
905  
404

How many whole numbers are less than 16?

18  
19  
17  
16

If you add 8 to an even number, the new number must be

prime  
even  
odd

15 hundreds + 6 tens + 2 ones =

1632  
1562  
1567

Which of the following is closest in value to 8094?

8,177  
7,990  
8,190  
8,193

Erin loves soccer. Yesterday her high juggle was 2. Her goal is to double her high each day. If she can do that, how many juggles should she get in 3 days?

128  
64  
4  
32

$48 : 4 = \underline{\quad} : 6$

11  
72  
4  
5

What is the sum of five fours and four fives?

40  
5445  
60  
4545

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

$$\begin{array}{r} 0.22 \\ +0.88 \\ \hline \end{array}$$

$$\begin{array}{r} 0.16 \\ +0.46 \\ \hline \end{array}$$

$$\begin{array}{r} 0.53 \\ -0.8 \\ \hline \end{array}$$

$$\begin{array}{r} 0.41 \\ -0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.51 \\ -0.29 \\ \hline \end{array}$$

$$\begin{array}{r} 0.19 \\ +0.06 \\ \hline \end{array}$$

$$\begin{array}{r} 15.68 \\ -1.14 \\ \hline \end{array}$$

$$\begin{array}{r} 9.23 \\ +9.9 \\ \hline \end{array}$$

$$\begin{array}{r} 7.45 \\ +7.31 \\ \hline \end{array}$$

$$\begin{array}{r} 28.04 \\ +21.05 \\ \hline \end{array}$$

$$\begin{array}{r} 5.32 \\ -5.3 \\ \hline \end{array}$$

$$\begin{array}{r} 4.96 \\ -4.86 \\ \hline \end{array}$$

$$\begin{array}{r} 12.4 \\ +1.21 \\ \hline \end{array}$$

$$\begin{array}{r} 5.02 \\ +5.79 \\ \hline \end{array}$$

$$\begin{array}{r} 30.99 \\ -27.85 \\ \hline \end{array}$$

$$\begin{array}{r} 15.76 \\ -10.25 \\ \hline \end{array}$$

$$\begin{array}{r} 35.11 \\ -29.13 \\ \hline \end{array}$$

$$\begin{array}{r} 11.44 \\ +16.4 \\ \hline \end{array}$$

$1.96 - 1.2 = \underline{\hspace{2cm}}$

$20.07 - 18.44 = \underline{\hspace{2cm}}$

$7.28 + 7.8 = \underline{\hspace{2cm}}$

$24.76 + 19.86 = \underline{\hspace{2cm}}$

$9.38 + 2.18 = \underline{\hspace{2cm}}$

$12.62 - 10.87 = \underline{\hspace{2cm}}$

$12.99 - 12.25 = \underline{\hspace{2cm}}$

$10.9 - 8.81 = \underline{\hspace{2cm}}$

$15.56 - 15.11 = \underline{\hspace{2cm}}$

$8.95 + 10.85 = \underline{\hspace{2cm}}$

30, 45, 60, 75, 90,  
\_\_\_\_\_, 120

How many centimeters in  
9.3 meters?

How many centimeters in  
450.7 meters?

word root **retro** can mean **backward**      **retrofit, retroactive**



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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

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

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

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

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

12+		1	8+	
	5	2-		2
1	2-		11+	
1-		9+	1-	3
5+				1

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

$$\underline{\quad} - 4 = 1$$

$$\underline{\quad} + \underline{\quad} + 3 = 11$$

$$4 + \underline{\quad} = 9$$

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

$$2 - \underline{\quad} = 1$$

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

$$4 - \underline{\quad} = 2$$

$$\underline{\quad} + \underline{\quad} + 2 = 8$$

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

$17.7 - 1.28 =$

$$\begin{array}{r} 0.5 \\ - 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 4.9 \\ 13.5 \\ + 2.8 \\ \hline \end{array}$$

$7 + 6 =$

$$\begin{array}{r} 9,907 \\ - 2,217 \\ \hline \end{array}$$

Find the difference between 654 and 140.

$3n = 27$

$4m = 20$

$9n = 54$

Write as a decimal.  
Seventeen and six tenths

Write as a decimal.

$$\frac{8}{100}$$

Write as a decimal.

$$12 \frac{7}{1000}$$

$-42 + 27 =$

$-8 \times 7 =$

$-15 + -8 =$



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

Write the ratio as a fraction.  
24 phones to 9 robots

Write as a percent.

$$\frac{1}{2}$$

Change to a percent.

$$\frac{94}{100}$$

$$\begin{array}{r} 97 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} 787 \\ + 107 \\ \hline \end{array}$$

$$3n = 15$$

$$9m = 54$$

$$\frac{N}{6} = 10$$

Sketch a right angle named  $\angle CDE$ .

An angle measures  $21^\circ$ .  
What would you call this  
angle?

Sketch an obtuse angle  
named  $\angle FGH$ .

Rewrite  $18 - 14$

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

$$3 - 2 - 2 =$$

$$13 - 9 = \underline{\quad}$$

$$13 + -9 = \underline{\quad}$$

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

$$95 - \frac{6}{7} =$$

Reduce  $\frac{15}{18}$  to its lowest terms.

$$13 - \frac{5}{9} - \frac{1}{2} =$$

Reduce  $\frac{33}{42}$  to its lowest terms.

$$19 + \frac{3}{5} - \frac{7}{9} =$$

$$4 - \frac{2}{5} + \frac{3}{7} =$$

$$\begin{array}{r} \frac{10}{11} \\ - \frac{6}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \frac{2}{4} \\ - \frac{4}{11} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{4} \\ + \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 145 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 19 \\ \hline \end{array}$$

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

Jessica likes to run. She started using a running app on her phone in December. During the month, she ran an average of 2.3 miles per day. How many miles did she run for the entire month?

Justin lined up 7-inch long blocks next to each other. He had 27 of these blocks. Now Billy wants to make the same length but use 3-inch blocks. How many 3-inch blocks will he need to use?

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

= • 3 • 7 • x • 7 • = • 4 • 9 • 8 • 8 • ÷ • 7 • 6 • + • 3 • 0 • 2  
 1 • 1 • 7

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

The puzzle grid contains the following numbers and symbols in their respective cells:

- Row 1: 6, ÷, 3, 2
- Row 2: 4
- Row 3: 0, ÷, =, 0
- Row 4: 3
- Row 5: 4
- Row 6: 8
- Row 7: x
- Row 8: 9
- Row 9: 0, -, 1, =, 8, 7, 6, =
- Row 10: +
- Row 11: 7, ÷, 1, =, 2, =, 8
- Row 12: =, 5, 7
- Row 13: 6, +, 0, +, 2, =, 2
- Row 14: +, 5, 1
- Row 15: =, 5, +, =, 6
- Row 16: 8, x, 9, =, 2

What is the least common multiple of 4 and 5?

$m + 27 = 36$

$m - 12 = 3$

What number is halfway between 0 and 12?

$12 \div \underline{\quad} = 6$

If you exchange 110 dimes for dollars, then how many dollars would you get?

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

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

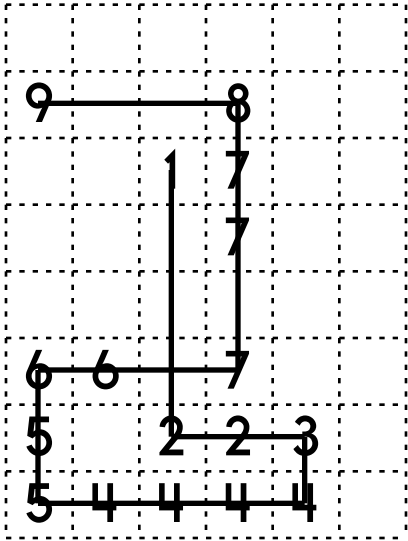
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

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

Draw exactly 8 lines.

Start on 1.

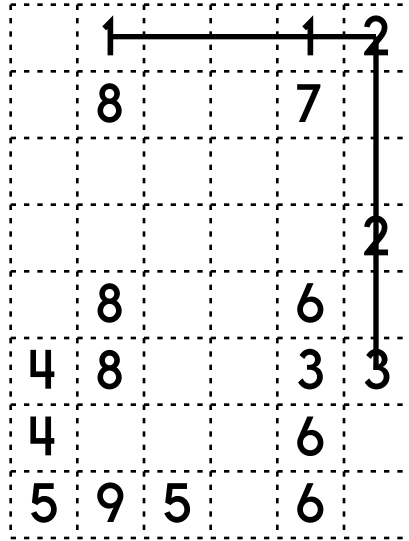
Do not pick up your pencil.



Draw exactly 8 lines.

Start on 1.

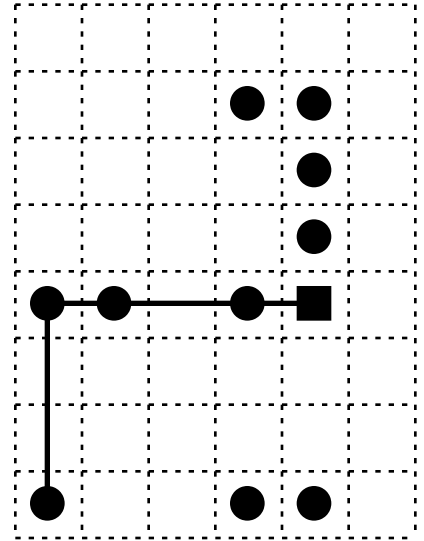
Do not pick up your pencil.



Draw exactly 5 lines.

Start on the square.

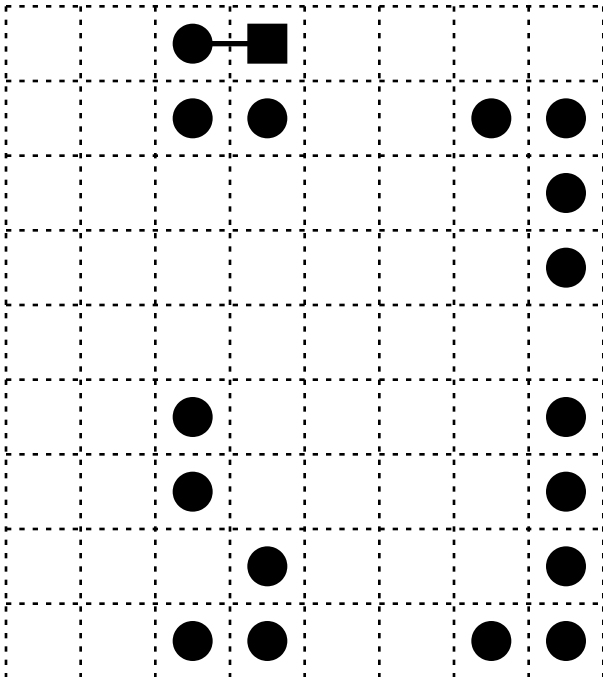
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

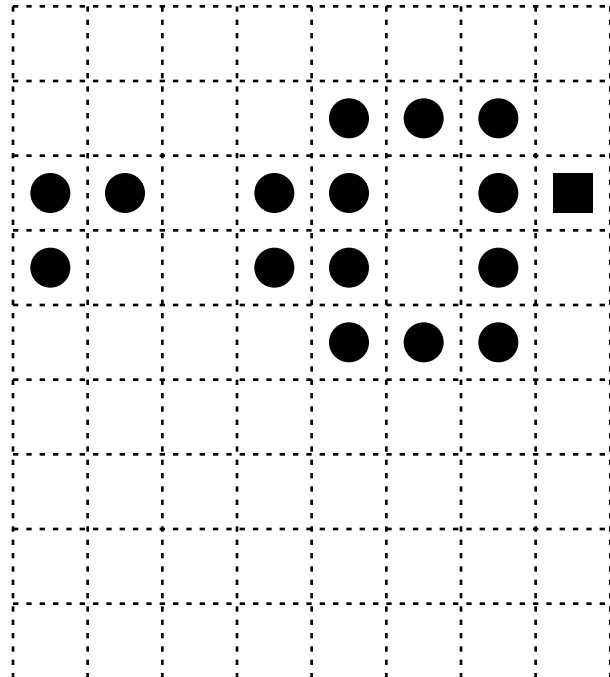
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.







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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

How many centimeters in 3.4 meters?

It was 9 degrees below zero in the morning. By afternoon the temperature rose 24 degrees. How warm was it?

Round the decimal 0.535 to the nearest hundredth.

$17 \frac{1}{10}$ , 19,  $20 \frac{9}{10}$ ,  $22 \frac{4}{5}$ ,  
 $24 \frac{7}{10}$ ,  $26 \frac{3}{5}$ ,  $28 \frac{1}{2}$ ,  
 $30 \frac{2}{5}$ ,  $32 \frac{3}{10}$ , \_\_\_\_\_,  
 $36 \frac{1}{10}$ , 38,  $39 \frac{9}{10}$

Draw a number line with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{5}{9}$  would go. Is  $\frac{5}{9}$  closer to 0,  $\frac{1}{2}$ , or 1?

Circle the three numbers whose product equals 168.

5    6    4  
9    11    7

What is 50% of 48?

A toy car can go 3 mph. How long would it take to go 6 miles?

$9 \times 10 + (2 + 6)$

72 divided by 8 equals

Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

How many centimeters in 980.8 meters?



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

Spin again.

I needed to spin \_\_\_\_\_ time(s) to finish.

It was 94 degrees outside.  
What would the  
temperature be if it got 23  
degrees colder?

Estimate quickly the  
difference.  
 $6,390 - 1,910$

$$10 \div \frac{1}{4}$$

Round 9,507 to the nearest  
thousand.

How many minutes is it  
from 9:00 a.m. to 10:15 a.m.?

F, H, J, L, N, P, R,  
\_\_\_\_\_, V, X, Z

$$4 \times 10 + 12 - 9$$

What is the area of a  
rectangle with sides 4 cm  
and 11 cm?

How much money is 1  
quarter, 1 dime, 9 nickels,  
and 1 penny?

Write the missing family  
fact.

$$17 \times 7 = 119$$

$$7 \times 17 = 119$$

$$119 \div 7 = 17$$

It was 5 degrees above  
zero in the morning. By  
afternoon the temperature  
rose 19 degrees. How  
warm was it?

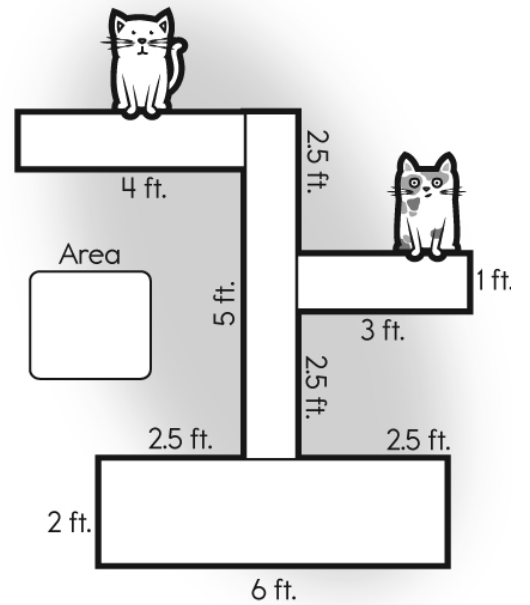
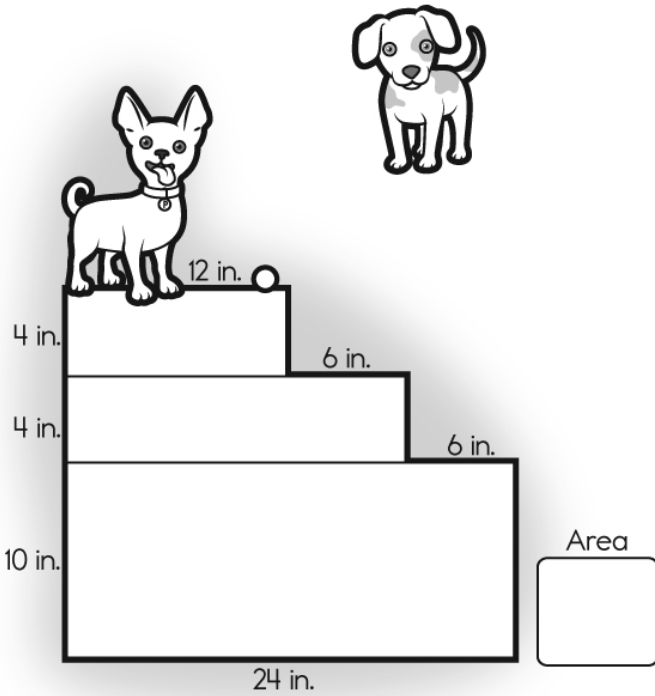
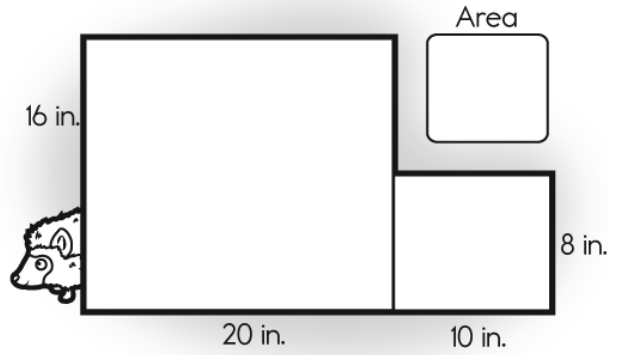
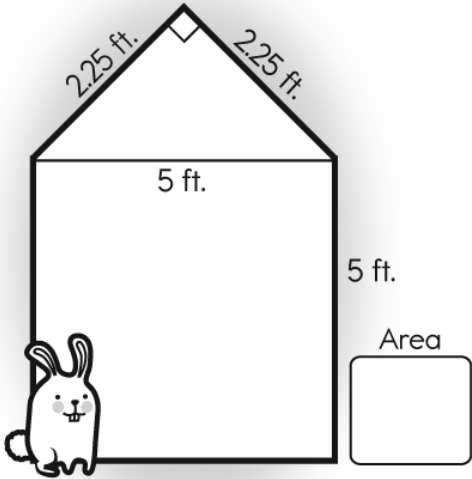
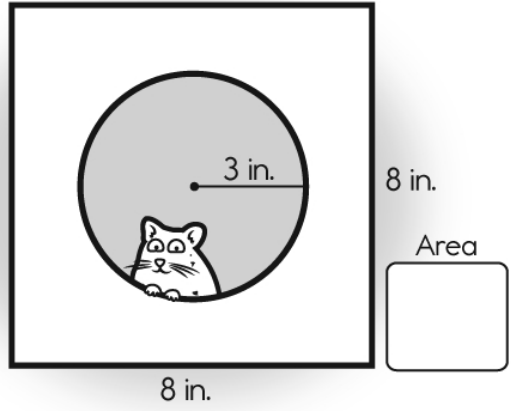
Know how many inches in  
a foot? Okay, smarty pants,  
how many inches in 3 feet?



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

# AREA

Tricky Shapes!



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

Each box needs a number from 1 to 9. You may re-use numbers.  
One set of sums has been done for you.

sum of 6 →				sum of 10 ↓	sum of 9 ↓		
sum of 7 →			sum of 10 →	2			
	sum of 6 ↓	sum of 5 ↓	sum of 6 →	3			
sum of 3 →				5			
			sum of 9 ↓	sum of 6 ↓		sum of 4 ↓	
sum of 8 →				sum of 9 →			
				sum of 5 →			
sum of 10 →				sum of 7 →			

sum of 8 ↓		sum of 9 →					
		sum of 5 →	3	1	1		sum of 3 ↓
	sum of 9 →			sum of 7 ↓	sum of 4 →		
	sum of 10 ↓	sum of 7 →					
		sum of 7 ↓			sum of 5 ↓	sum of 10 ↓	
		sum of 8 ↓		sum of 7 →			
	sum of 6 →						
sum of 9 →					sum of 6 →		

Anna wants to call Emma. Emma is on vacation in Asia. It is a time difference of eleven hours. Emma's time is always later than Anna's time. If it is 4:18 P.M. where Anna lives, then what time is it where Emma is?  
\_\_\_\_\_

$72 \div 6 =$

For 913,709,395, write the digit that is in the hundred thousands place.  
\_\_\_\_\_

Amanda is getting messy. She has made a 5' x 2' x 2' cube made out of clay blocks. She wants her art project to have at least a surface area of 28 square feet. Does she need to add more clay?

In the number 7,455,486, the digit 7 is in what place?  
\_\_\_\_\_

Circle the word that is a synonym for the word nervous.  
relaxed, tense, mellow

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

If Q is odd  
and X is odd,  
then  
Q - X is

If A = B  
and B = C,  
then  
A \_\_\_\_ C.

If A > B  
and B = C,  
then  
A \_\_\_\_ C.

X = 22  
X = X + 3  
print ( X )  
What is printed?

If Q is even  
and X is even,  
then  
Q + X is

If A is divisible by 9,  
then A is a  
\_\_\_\_\_ of 9.

A = 32  
B = 64  
if ( A > B ):  
    print("A rules")  
else:  
    print("Go B!")  
  
What is printed?

Use >, <, or = to  
complete.  
If D is less than E, then  
E \_\_\_\_ D

A = 15  
B = 15  
C = 15  
if ( A <= B )  
    print(C);  
else  
    print(A)  
  
What is printed?

A = 11  
B = 16  
C = 11  
if ( A >= C )  
    print(C);  
else  
    print(A)  
  
What is printed?

X = 13  
Y = 4  
X = X + 8  
if ( X == 17 )  
    print("Almost 18.")  
else:  
    print("Nice Day.")  
  
What is printed?

If Q is even  
and X is even,  
then  
Q + X is

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

If A is divisible by 8,  
then A is a  
\_\_\_\_\_ of 8.

X = 30  
X = X + 3  
print ( X )  
What is printed?

If Q is odd  
and X is odd,  
then  
Q - X is

If A > B  
and B = C,  
then  
A \_\_\_ C.

If A = B  
and B = C,  
then  
A \_\_\_ C.

If Q is even  
and X is even,  
then  
Q - X is

X = 26  
X = X + 2  
print ( X )  
What is printed?

If A = B  
and B = C,  
then  
A \_\_\_ C.

A = 15  
B = 14  
C = 14  
if (A >= B)  
  print(C);  
else  
  print(A)  
  
What is printed?

If A > B  
and B = C,  
then  
A \_\_\_ C.

If Q is odd  
and X is odd,  
then  
Q + X is

If A is divisible by 3,  
then A is a  
\_\_\_\_\_ of 3.

X = 20  
X = X + 2  
print ( X )  
What is printed?

If Q is odd  
and X is odd,  
then  
Q + X is

If A is divisible by 7,  
then A is a  
\_\_\_\_\_ of 7.

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

Rosa's family and friends held a picnic to celebrate the date that Hawaii became the 50th state. Her father bought 22 cases of potato chips for the picnic. If there were 24 bags in each case and each bag holds about 30 chips, about how many chips did he buy?

Adam is 30% Sioux, so when Indian Pudding Day was near, he decided to make enough Indian Pudding for everyone in his class to have half of a cup of pudding. There are twenty-five students in his class, and he would also like to give the same size of pudding to his teacher, the principal, and the basketball coach. How many cups of Indian Pudding will he need to make?

Fill in the missing numbers.

The number 100,000 times 126 = \_\_\_\_\_

The number one thousand times 126 = \_\_\_\_\_

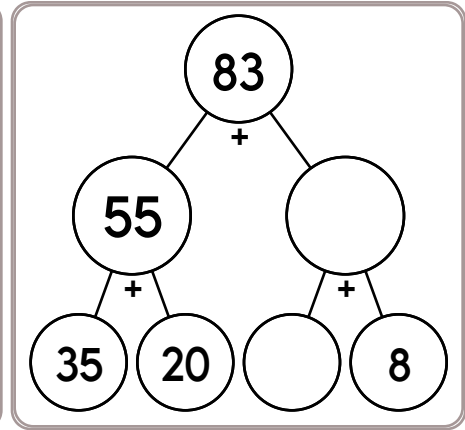
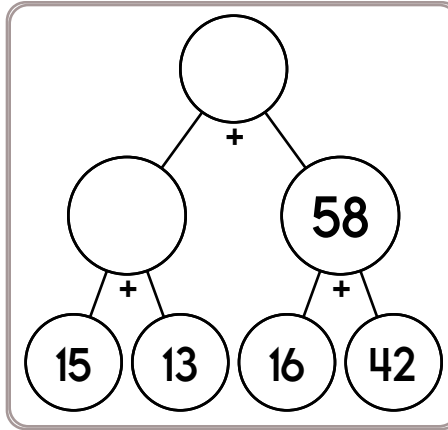
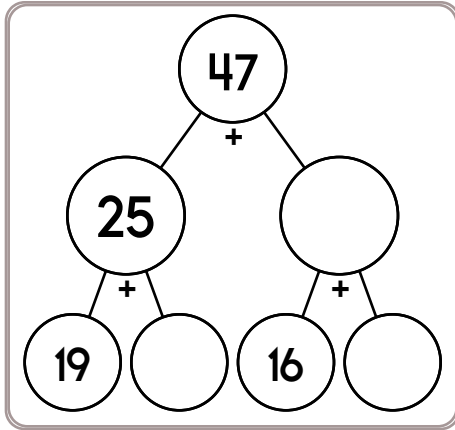
The number 100,000 times 12.6 = \_\_\_\_\_

Mrs. Lewis's class is raising money for needy people during December.

Anna saved a dime for each day of the month to donate.

Billy saved a quarter each day. Who collected more money? By how much more?

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



$$\begin{array}{r} 7.1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3.45 \\ \times 5 \\ \hline \end{array}$$

Change  $\frac{1}{4}$  to a decimal.

Amy has 28 nickels. How much money is that?

David earns \$15 an hour. He worked 5 hours. How much did he make?

A book has 4 pages. Each page has 10 dimes. How many dimes in the book?

J, L, K, \_\_\_\_\_, L, N, M,  
O, N, P, O, Q

6, 0, 0, 0, 0, 6, 0, 0,  
0, 0, 0, 6, 0, 0, 0,  
\_\_\_\_\_, 0, 0, 6, 0, 0, 0,  
0, 0, 0, 0, 6, 0

$$459 + 8 =$$



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

$3 \times 1 - 2$

Round the decimal 0.635 to the nearest hundredth.

Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

0, 5, 5, 0, 5, 5, 0, 5,  
\_\_\_\_\_, 0, 5, 5, 0, 5, 511, 18, 29, 47, 76, 123,  
199, 322, 521, 843,  
\_\_\_\_\_, 2207, 3571

$5 + 6 + 1 \times 12$

$10 \div \frac{1}{3}$

How many centimeters in 950.5 meters?

$6 \frac{2}{6} + 8 \frac{3}{6}$

Round 12,709 to the nearest thousand.

Write  $\frac{2}{6}$  in lowest terms.

What 5 coins add up to 85 cents?

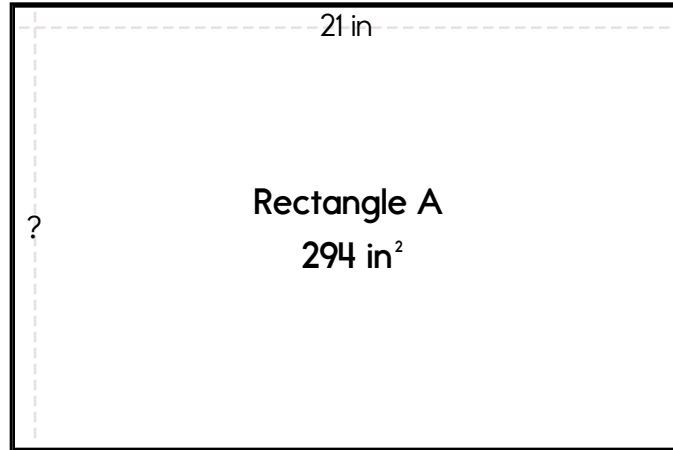
Name: \_\_\_\_\_

It's easy to figure out the area of a rectangle. You just multiply its width by its height.  
Try to find the missing number using that equation.

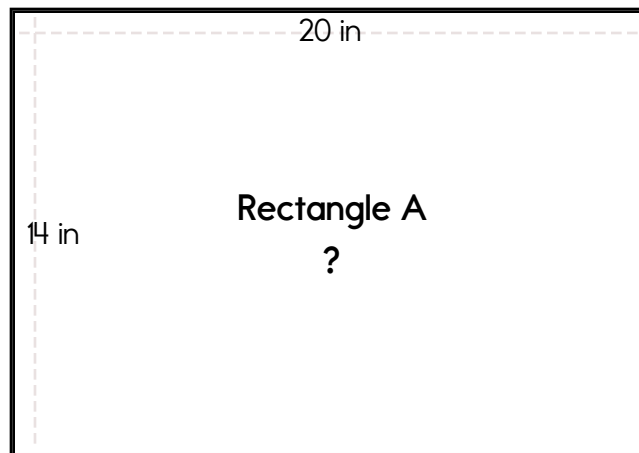
Hint: For these puzzles you will NEVER need to work with decimals or fractions.

If you get a fraction, try something else!

One of the lengths is missing.



? = \_\_\_\_\_



? = \_\_\_\_\_



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

Use the area formula (width x height = area) to figure out these trickier puzzles.

Use only whole numbers. No need for fractions. Think!

28 in

11 in

11 in

10 in

11 in

Rectangle A  
110 in<sup>2</sup>

Rectangle B  
?

? = \_\_\_\_\_

26 in

15 in

12 in

15 in

Rectangle A  
?

Rectangle B  
240 in<sup>2</sup>

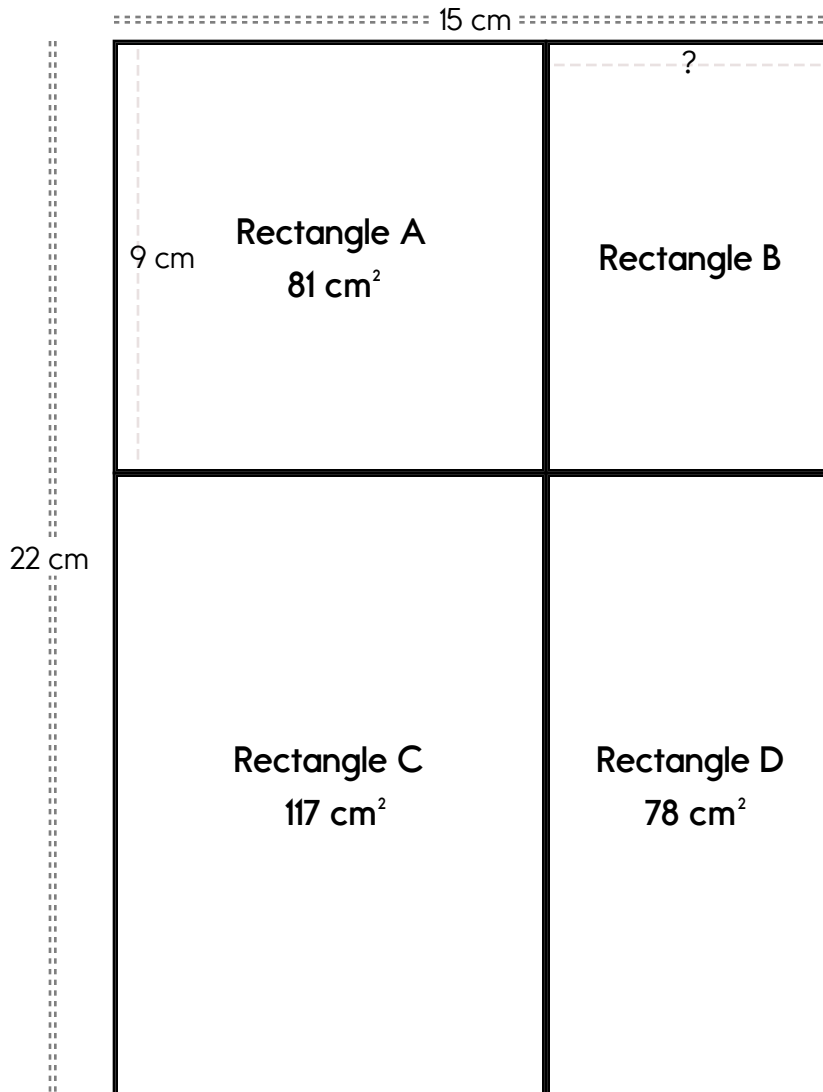
? = \_\_\_\_\_

8 x 12 =

Justin invented a robotic bug. The bug can crawl three centimeters in sixteen seconds. How long would it take the bug to crawl twenty-one centimeters?

11 x 9 =

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



? = \_\_\_\_\_

$$8 \times 9 =$$

Nine kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$117. How much is one kids ticket? How much is one adult ticket?

word root **tempor** can mean **time**      **contemporaneously, contemporary, temporal**

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

Write the reciprocal.

$$\frac{5}{2}$$

Write the reciprocal.

14

Write the reciprocal.

$$\frac{6}{5}$$

$$\begin{array}{r} 6.37 \\ +8.15 \\ \hline \end{array}$$

$$\begin{array}{r} 0.1 \\ 0.7 \\ +0.3 \\ \hline \end{array}$$

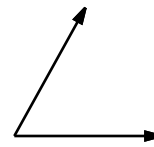
$$\begin{array}{r} 3.4 \\ -2.72 \\ \hline \end{array}$$

$$13 + \frac{1}{2} + \frac{6}{7} =$$

$$15 + \frac{2}{5} - \frac{3}{4} =$$

$$60 - \frac{1}{2} =$$

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



What kind of angle is this?

$$m - 8 = 6$$

What is the least common multiple of 10 and 14?

$$15 + n = 41$$

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

Which of the following is closest in value to 8082?

- 8,150
- 8,147
- 8,159
- 8,024

$$60 : 5 = 72 : \underline{\quad}$$

- 5
- 4
- 6

Which of the following is closest in value to 4083?

- 4,173
- 4,165
- 3,973
- 4,190

A string that is 56 cm is cut into 4 pieces of equal length. What is the length of one of the pieces?

- 32 cm
- 28 cm
- 56 cm
- 14 cm

$$90000 = 90 \times \underline{\quad}$$

- 9000
- 10000
- 1000
- 900000

Sara has \$176. She gave 50% of her money to her sister. How much does she have left?

- \$84
- \$82
- \$88

If you add 6 to an even number, the new number must be

- prime
- odd
- even

Circle the equation with the largest value.

- $1 + 2 \times 8$
- $4 + 5 \times 8$
- $3 + 4 \times 9$
- $4 + 5 \times 3$

$$36 : 4 = 54 : \underline{\quad}$$

- 10
- 6
- 4
- 12

9 hundreds + 2 tens + 16 ones =

- 943
- 9216
- 936
- 932

What is the square of 5?

- 45
- 10
- 40
- 125
- 25

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

- 9
- 36
- 8
- 2

Circle the equation with the largest value.

- $5 + 3 \times 6$
- $1 + 1 \times 8$
- $2 + 1 \times 9$
- $5 + 3 \times 3$

If you add 6 to an even number, the new number must be

- odd
- even
- prime

Which of the following is closest in value to 3082?

- 3,011
- 3,021
- 3,000
- 3,006

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

Which answer lists all the factors of 20?

- A) 4 and 5
- B) 2, 4, 10, 8, 18, and 15
- C) 1, 2, 4, 5, and 10
- D) penny

forty thousand, ninety =

- A) 40090
- B) 90040
- C) 9400
- D) 9004

What is the value of 4 pennies, 4 nickels, 3 dimes, 2 quarters, and 2 dollars?

- A) \$0.70
- B) \$2.95
- C) \$3.04
- D) \$0.15

$34.52 + 56.668 =$

- A) 1,109.933
- B) 91.188
- C) 71.108
- D) 82.1

How many millimeters are in one centimeter?

- A) 10,000
- B) 10
- C) 100
- D) 1,000

Which answer has the greatest unit size?

- A) 6806 yd
- B) 216 mi
- C) A and B are equal.



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

Find the GCF using the Birthday Cake method.



<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>2   18 24</p> <hr/> <p>3   9 12</p> <hr/> <p>3 4</p> <p>GCF: <math>2 \times 3 = 6</math></p> </div> <div style="width: 45%;"> <p>3   81 54</p> <hr/> <p>9   27 18</p> <hr/> <p>GCF: _____</p> </div> </div>
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>6   72 120</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 30%;"> <p>5   40 35</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 30%;"> <p>4   36 48</p> <hr/> <p>GCF: _____</p> </div> </div>
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>40 80</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 30%;"> <p>52 36</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 30%;"> <p>24 28</p> <hr/> <p>GCF: _____</p> </div> </div>
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>60 45</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 30%;"> <p>90 80</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 30%;"> <p>54 30</p> <hr/> <p>GCF: _____</p> </div> </div>



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

Spin again.

I needed to spin \_\_\_\_\_ time(s) to finish.

Find the GCF using the Birthday Cake method.

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">2   80   50   120</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">5   40   25   60</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">8   5   12</div> <p>GCF: <math>2 \times 5 = 10</math></p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">3   66   48   60</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">2   22   16   20</div> <p>GCF: _____</p>
--	---

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">4   32   24   36</div> <p>GCF: _____</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">3   42   72   66</div> <p>GCF: _____</p>
--	--

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">36   39   24</div> <p>GCF: _____</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">48   15   27</div> <p>GCF: _____</p>
--	--

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">108   60   96</div> <p>GCF: _____</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">36   120   48</div> <p>GCF: _____</p>
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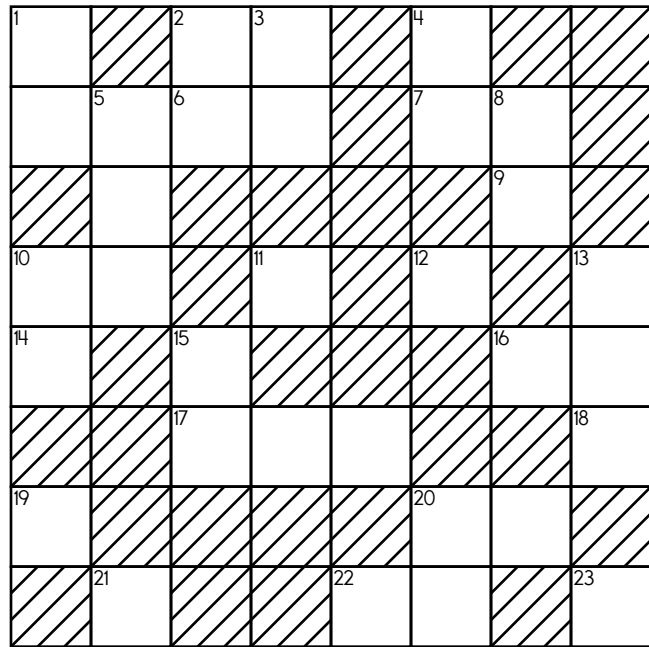
Name: \_\_\_\_\_

**ACROSS**

**DOWN**

- 4. One-seventh of 2-Down
- 6. The factors of 36 are 1, 2, 3, 4, 6, 9, 12, \_\_, 36.
- 8. How many factors does 12 have?
- 9. What is the lowest common multiple of 19-Down and 8-Across?
- 10. The factors of 40 are 1, 2, 4, 5, 8, 10, \_\_, 40.
- 12. One-sixth of 16-Across
- 13. Two more than 8-Across
- 16. What is the lowest common multiple of 7-Down and 6-Across?
- 17. Three less than 5-Down
- 18. What is the greatest common factor of 7-Down and 16-Across?
- 20. **15**
- 21. 3
- 23. What is the greatest common factor of 24 and 42? 22. How many factors does 18 have?

- 1. 2-Down plus 18-Across
- 2. 21
- 3. What is the greatest common factor of 6-Across and 16-Across?
- 5. Eight times 20-Across
- 7. How many factors does 55 have?
- 11. What is the greatest common factor of 14 and 63?
- 14. How many factors does 22 have?
- 15. What is the lowest common multiple of 21-Across and 20-Down?
- 16. How many factors does 9 have?
- 19. What is the greatest common factor of 28 and 78?
- 20. 17
- 21. What is the greatest common factor of 20-Across and 2-Down?



Circle the digit in the hundredths place.  
98.35



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

Complete each pattern. Write what the rule is.

$$3\frac{4}{5}, 3\frac{3}{5}, 3\frac{2}{5}, 3\frac{1}{5}, \underline{\hspace{1cm}}, 2\frac{4}{5}, 2\frac{3}{5}, 2\frac{2}{5}, 2\frac{1}{5},$$

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

$$4\frac{1}{5}, 4, 3\frac{4}{5}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 3\frac{1}{5}, 3, 2\frac{4}{5}, 2\frac{3}{5},$$

$$2\frac{2}{5}, 2\frac{1}{5}, 2, 1\frac{4}{5}, 1\frac{3}{5}, 1\frac{2}{5}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \frac{4}{5}$$

Complete each pattern. Write what the rule is.

4	12	20	28	36	44
9	19	29	39	49	
3	10		24	31	38
8	14			32	38

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

Two numbers have a sum of 115. The difference between the two numbers is 29. They are both positive whole numbers. What are the numbers?

Alex, Anna, and Adam are playing a game together. They first each entered their age. The game replied: "I added all of your ages together. The sum is 34. Do you know what the sum of your ages will be 6 years from now?"

The difference between two numbers is 580. The average of these same two numbers is 501. One of the numbers is 791. What is the other number?

Hunter made his own coin. On one side, he colored it green. On the other side, he colored it blue. Let's assume his coin is fair. Each time he tosses it there is a 50/50 chance of either color. If he tosses his coin two times, what is the chance that both tosses will be green?

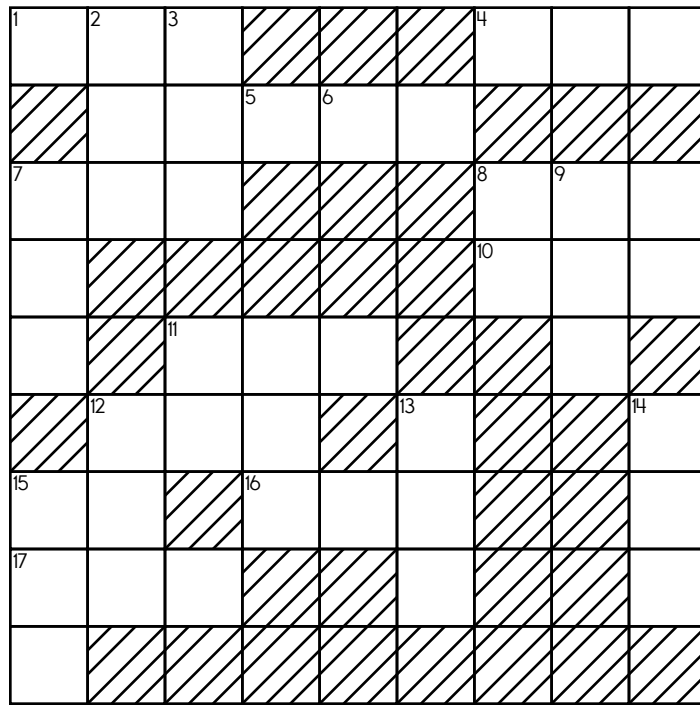
Name: \_\_\_\_\_

**ACROSS**

- 1. Six less than 17-Across
- 4. Six less than 10-Across
- 5. Nine more than 16-Across
- 8. 12-Down plus 17-Across
- 10. Five less than 12-Down
- 11. 1-Across plus 15-Down
- 12. Two more than 9-Down
- 16. 15-Down plus 6-Down
- 17. 4-Across plus 10-Across

**DOWN**

- 2. 17-Across plus 10-Across
- 3. 9-Down plus 15-Down
- 6.  $6 + 6 = 2 \times \underline{\quad}$
- 7. Nine less than 14-Down
- 9. Nickels in twelve dollars
- 12. Eight more than 9-Down
- 13. 17-Across plus 4-Across
- 14. 6-Down plus 9-Down
- 15. Eight more than 4-Across



Can 371 be evenly divided by 7? Circle:  
 371 is NOT evenly divisible by 7  
 371 is evenly divisible by 7

Circle the greatest number:  
 463,907,825  
 26,197  
 79,810,453  
 3,785,206,149

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

How many coos are equal to 2 snorts?

$$2 \text{ snorts} = 6 \text{ croaks}$$

$$3 \text{ croaks} = 4 \text{ meows}$$

$$4 \text{ meows} = 5 \text{ coos}$$

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

x	1	2	3	4	5	6	7	8	9	10
4				16						
1					5					
6							42			
5		10								
3	3									
8										80

Emily has two favorite numbers. If you add her favorite numbers, you get 23. If you multiply her favorite numbers, you get 112. What are her mystery numbers?

\_\_\_\_\_

Justin invented a robotic bug. The bug can crawl three centimeters in sixteen seconds. How long would it take the bug to crawl twenty-nine centimeters?

Can 695 be evenly divided by 6? Circle:  
 695 is evenly divisible by 6  
 695 is NOT evenly divisible by 6

Compare the fractions. Write  $>$ ,  $<$ , or  $=$ .

$$\frac{6}{8} \bigcirc \frac{6}{7}$$

$$\frac{7}{8} \bigcirc \frac{7}{10}$$

$$\frac{8}{10} \bigcirc \frac{80}{100}$$

$$\frac{7}{8} \bigcirc \frac{6}{8}$$

word root **rupt** can mean **to break or burst**

**corruption, interrupt, interruption**



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

730 exceeds twelve times a number by 94.  
What is the number?

Twelve times a number, increased by  
seventy-six, equals two hundred twenty.  
What is the number?

Sixteen less than a number is thirteen. What  
is the number?

A number minus 41 is nineteen. What is the  
number?

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

Ava tosses a number cube with the numbers 1 through 6 on it. She tosses it again, takes the sum, and moves that many spots on a board game. What is the probability that she moves exactly five spaces?

Pam loves cars, and she has a dream job selling cars. Draw a circle graph to show the popularity of colors chosen by her customers. She sold a total of 300 cars in the last 12 months. She sold 75 cars that were pearl white, 100 solid black cars, 25 red multi-coat cars, 25 midnight silver metallic cars, and 75 deep blue metallic cars.

18	22	26	30	34	38	42	46
50	54	58	62	66	70	74	78
82	86	90	94	98	102	106	110

A pattern is represented in the boxes. The number 46 is in row 1, column 8.

- What number is in row 2, column 5?
- If the pattern continues, what number would be in row 4, column 2?
- If the pattern continues, what number would be in row 8, column 3?

For each challenge below, make a fraction by picking any 2 of these numbers: 7, 6, 8, or 2.

- What is the smallest possible fraction you can make?
- Now write a different fraction that is larger than your smallest possible fraction.
- Subtract (a) from (b).



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

The sum of two counting numbers is 27. One number is three larger than the other. What are the two numbers?

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

**4****6****1****2****6**

Use the digits to make a 2-digit plus 2-digit addition equation. The sum of your equation should be 40.

Find the difference between 469 and 87.

Find the difference between 400 and 71.

Subtract 190 from 501.

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

Ready to make equations? There is a missing equation in each box.  
Circle the numbers once you find it!

**A**

75	71	93
<b>34</b>	26	51
53	87	11

Find an  
addition fact.

**B**

<b>18</b>	96	43
27	83	99
1	33	19

Find an  
addition fact.

**C**

33	<b>78</b>	54
10	8	13
61	55	24

Find an  
addition fact.

Equations:

Write the equation facts you found.

<b>A</b>	<b>34</b>	<b>+</b>		<b>=</b>	
<b>B</b>		<b>+</b>	<b>18</b>	<b>=</b>	
<b>C</b>		<b>+</b>		<b>=</b>	<b>78</b>

Mary wrote that 44 divided by 6 has a remainder of 2. For her homework, she needs to find four other numbers that when divided by 6 will have a remainder of 2. Help her with her homework.

Write a letter that has a line of symmetry.

\_\_\_\_\_

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

$$18 + \frac{1}{2} - \frac{1}{3} =$$

Write the reciprocal.

$$\frac{1}{7}$$

$$29 - \frac{2}{3} =$$

Write the reciprocal.

$$\frac{9}{14}$$

$$8 - \frac{5}{7} + \frac{4}{5} =$$

$$16 - \frac{5}{6} - \frac{1}{2} =$$

$$10 + \frac{4}{11} + \frac{5}{9} =$$

Write the reciprocal.

$$14$$

$$52 - \frac{4}{5} =$$

$$\begin{array}{r} 2\frac{3}{8} \\ - 1\frac{1}{2} \\ \hline \end{array}$$

$$9 \times \frac{1}{4} =$$

$$3\frac{1}{2} \times \frac{8}{12} =$$

$$18 + \frac{1}{3} + \frac{2}{3} =$$

Write the reciprocal.

$$\frac{2}{3}$$

$$10 - \frac{1}{2} + \frac{2}{3} =$$

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

What number is missing from the following sequence?

18, 27, 36, 45, 54, \_\_\_\_\_, 72

- A) 63
- B) 61
- C) 70
- D) 68

twenty-seven hundredths =

- A) 270
- B) 2.7
- C) 0.00270
- D) 0.27

$54 \div 9 =$

- A) 5
- B) 6
- C) 8

How many of the following numbers are even?

22, 67, 83, 11, 7, 14, 77, and 56

- A) 5
- B) 7
- C) 3
- D) 8

If you round the following numbers to the nearest hundred, how many of them would be 300?

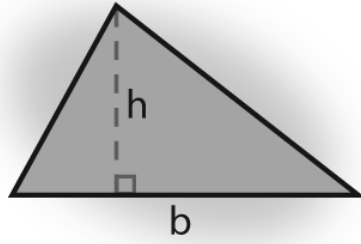
254, 319, 305, 358, 202, 244, 328, 199, and 513

- A) 4
- B) 5
- C) 3
- D) 0

six hundred thirty-five =

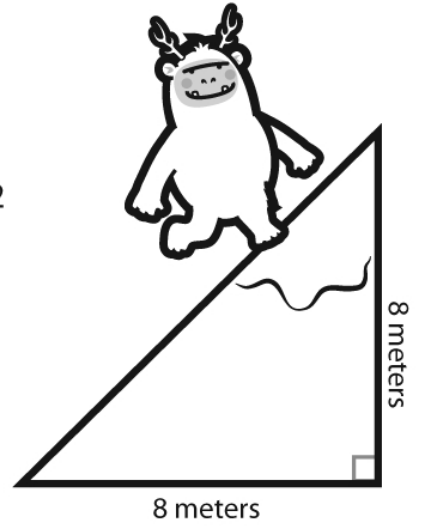
- A) 563
- B) 365
- C) 635
- D) 3650

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

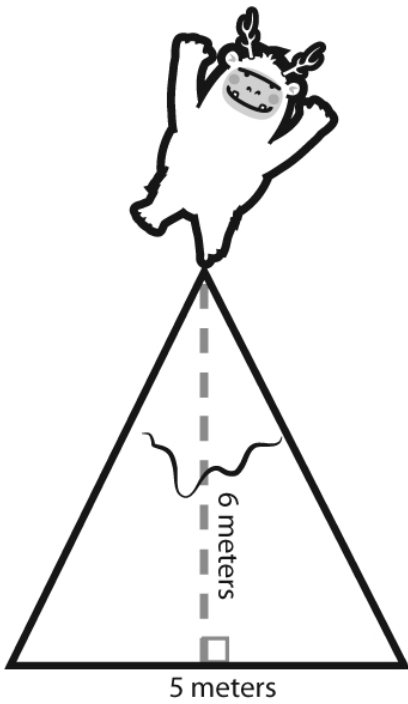


area = (base x height) ÷ 2

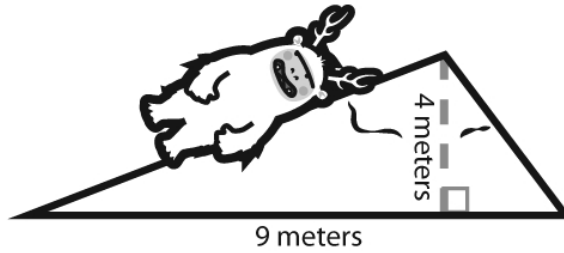
$$a = \frac{b \times h}{2}$$



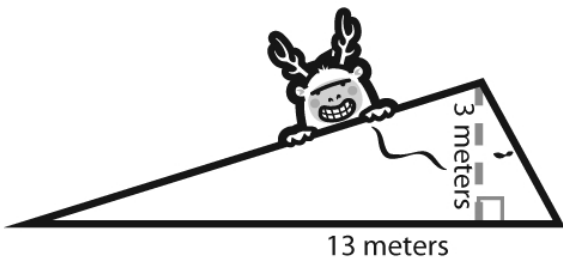
AREA =



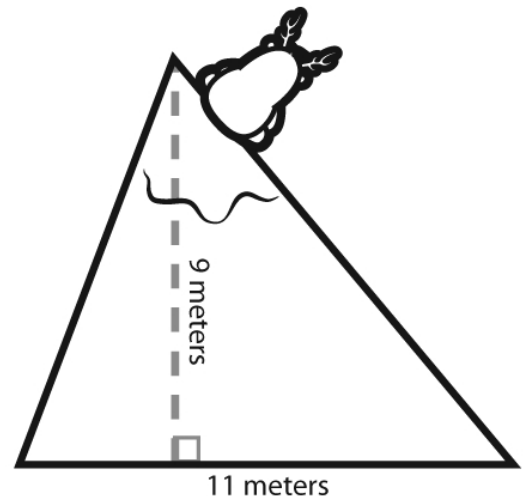
AREA =



AREA =



AREA =



AREA =

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

Draw a line from START to END.

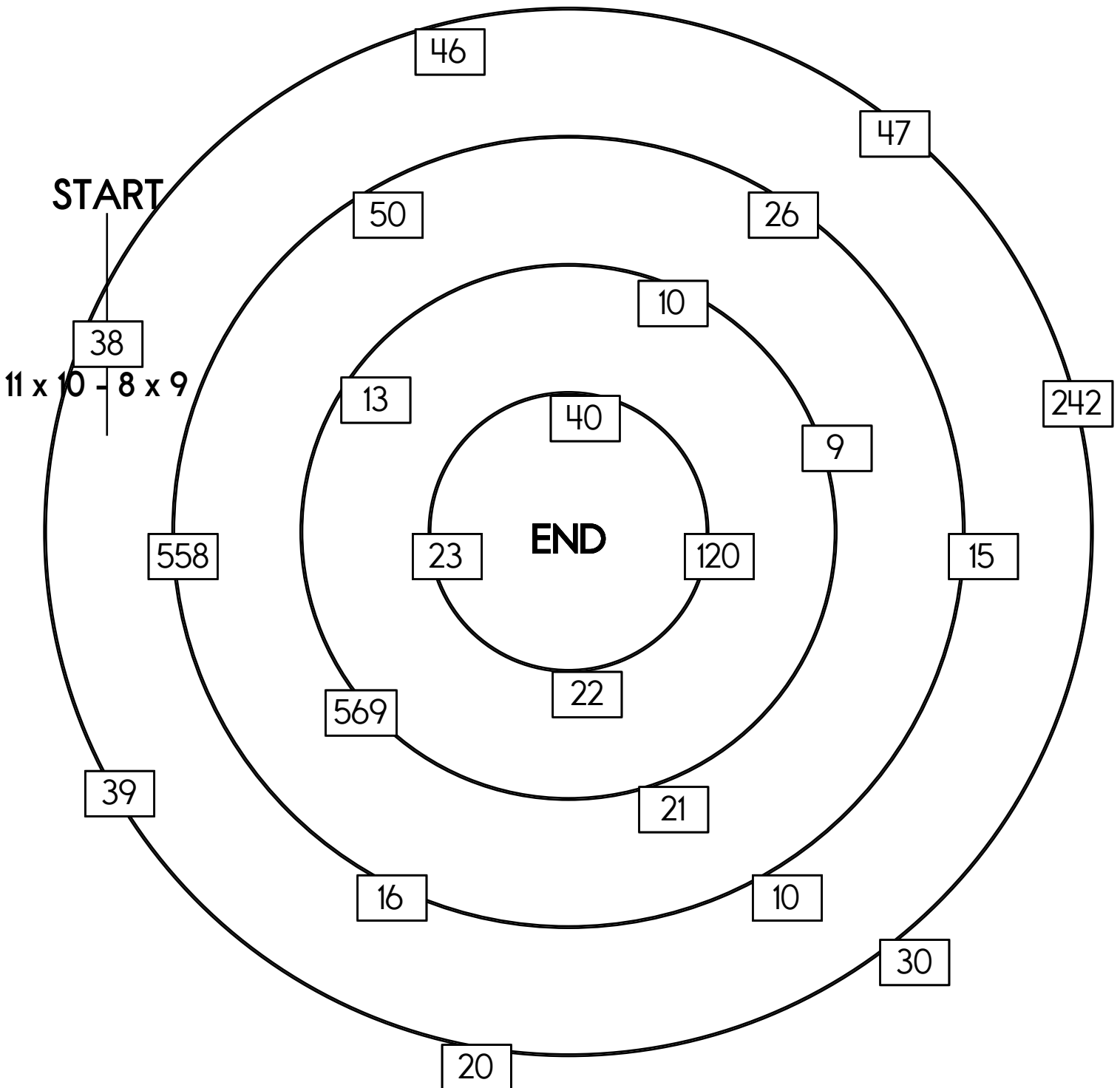
$$2 + 9 + 9 + 2$$

~~$$11 \times 10 - 8 \times 9$$~~

$$9 \times 4 \div 4$$

$$(12 + 7) - 4$$

Cross out the equation you use above and then write it below.



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

$$x - 7 = 11$$

What is the greatest common factor of 10 and 18?

What is the greatest common factor of 6 and 15?

What is the greatest common factor of 8, 16, and 36?

$$23 - y = 15$$

What is the least common multiple of 4 and 12?

What is the greatest common factor of 2 and 6?

What is the least common multiple of 10 and 14?

$$13 + m = 43$$

Write the reciprocal.

$$\frac{11}{4}$$

Write the reciprocal.

8

Write the reciprocal.

$$\frac{11}{15}$$

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

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.

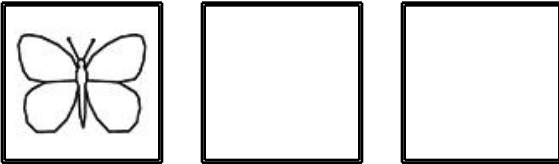


! Draw 1 of these 3 pictures.  
! The picture is NOT in the correct spot.



! Draw 2 of these 3 pictures.  
! None of those pictures are in the correct spot.

Draw the 3 pictures in the correct order:



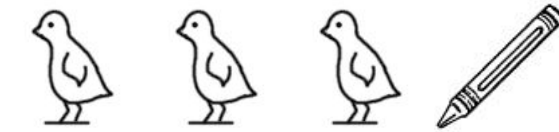
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



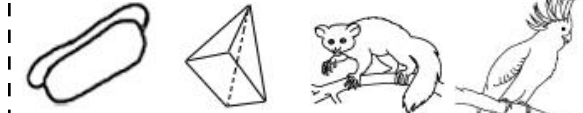
! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.



! Draw 2 of these 4 pictures.  
! None of those pictures are in the correct spot.

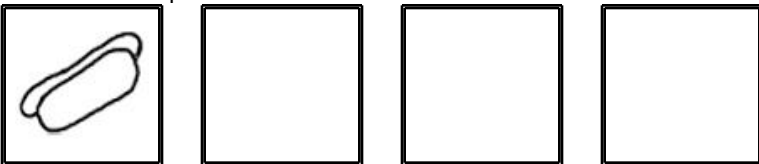


! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



! Draw 2 of these 4 pictures.  
! The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:





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

Two-fifths of a number equals 8. What is the number?

Eleven times a number is  $51\frac{1}{3}$ . What is the number?

Thirty-four less than four-sixths of a number equals 30. What is the number?

110,000 and 900,000 added to a number is 1,500,948. What is the number?

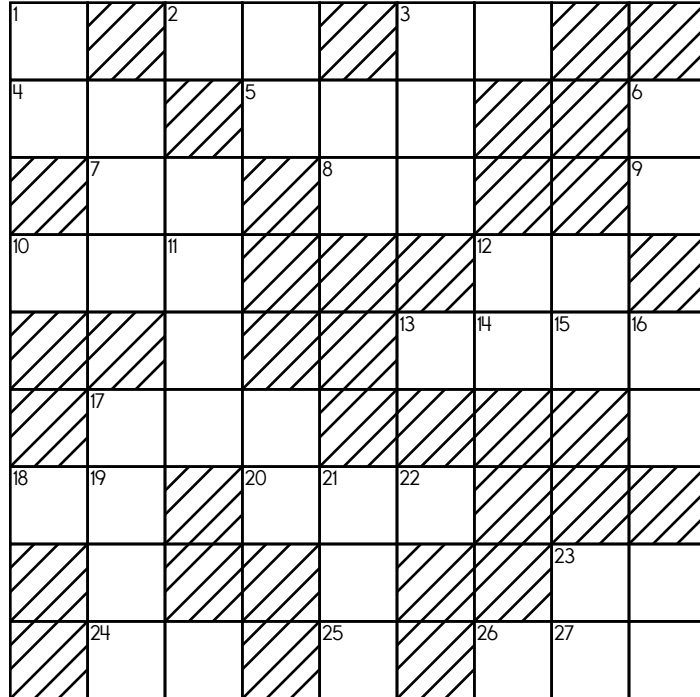
Name: \_\_\_\_\_

**ACROSS**

- 2. Four times 3-Across
- 3. Four more than 16-Down
- 4. **4 + 14**
- 5. 11-Down plus 21-Down
- 6. One-ninth of 4-Across
- 7. Six less than 21-Across
- 8. Seven more than 22-Down
- 9. Five less than 7-Down
- 10. 21-Down plus 14-Down
- 12. Four times 27-Across
- 17. Six times 16-Down
- 21.  $9 + 16$
- 23.  $4 + 18$
- 24. Seven less than 12-Across
- 25. One-third of 8-Across
- 27.  $4 + 19$

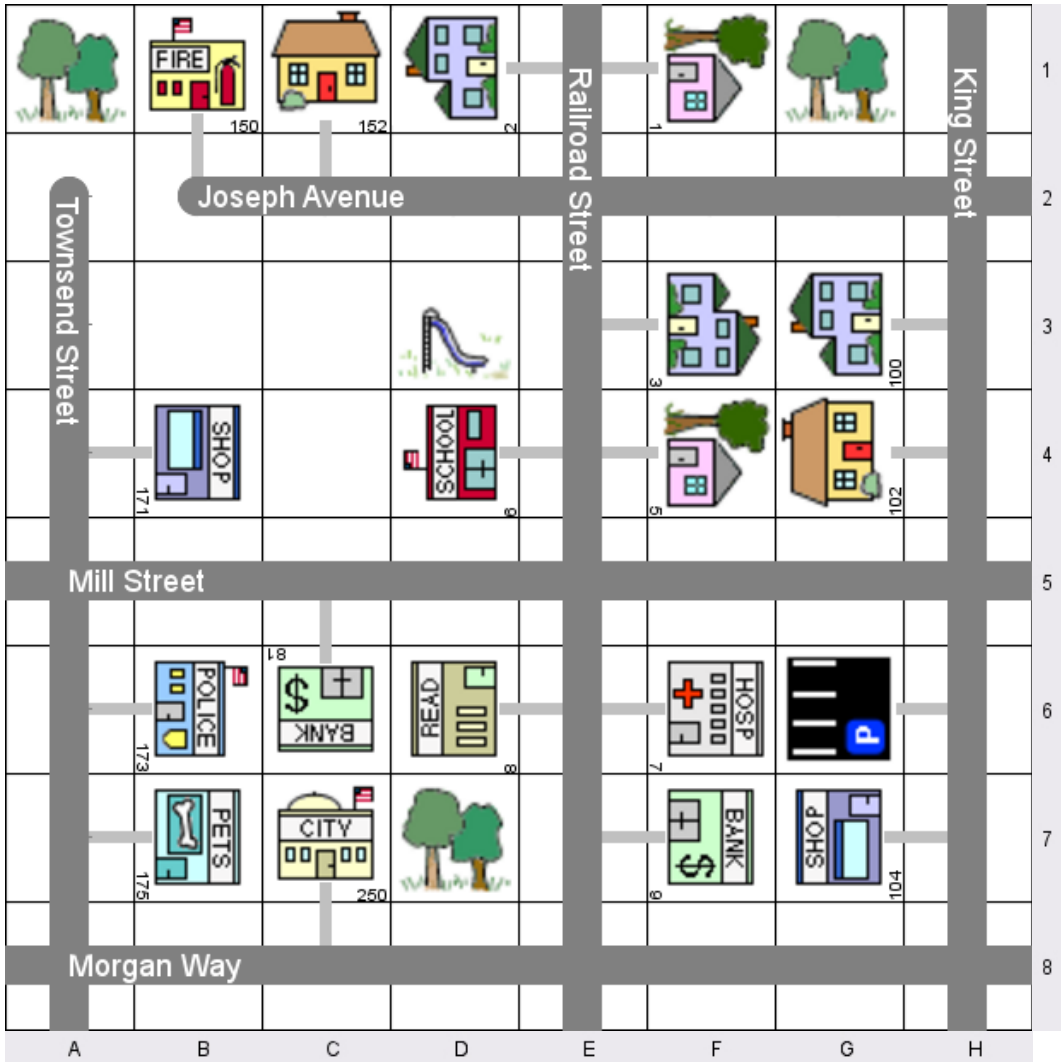
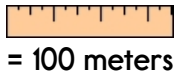
**DOWN**

- 1. 21-Across plus 9-Across
- 7. Three more than 14-Down
- 11. Nickels in ten dollars
- 13. Nine less than 8-Across
- 14.  $8 + 8 = 2 \times \underline{\hspace{1cm}}$
- 15. Eight less than 8-Across
- 16.  $4 + 13$
- 18. One-third of 3-Across
- 19. 11-Down plus 14-Down
- 20. One-seventh of 3-Across
- 21. Four more than 11-Down
- 22. One-fifth of 21-Across
- 23.  $7 + 15$
- 26. Three more than 15-Down





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



Circle the one at C,7.



Circle the one at F,6.



171 Townsend Street



is at \_\_\_\_\_.

5 Railroad Street



is at \_\_\_\_\_.

102 King Street



is at \_\_\_\_\_.

1 Railroad Street



is at \_\_\_\_\_.

104 King Street



is at \_\_\_\_\_.

100 King Street



is at \_\_\_\_\_.

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

Which street has a pet shop?  
\_\_\_\_\_



Which street has a school?  
\_\_\_\_\_

Circle the building that is located on Railroad Street.







Morgan Way is \_\_\_\_\_ of Mill Street.

Townsend Street is \_\_\_\_\_  
of Railroad Street.

Go \_\_\_\_\_ to drive from the  
house at 1 Railroad Street  to the  
house at 5 Railroad Street .

[Hint: Use north, south, west, or east.]

Write the total distance to go from the  
fire station at 150 Joseph Avenue  to the  
house at 152 Joseph Avenue .

Write the total distance to go from the  
store at 171 Townsend Street  to the  
house at 152 Joseph Avenue .

Write directions to get from the bank at 81 Mill Street to the house at 152 Joseph Avenue.

Four horizontal dashed lines for writing directions.

Begin at the bank at 9 Railroad Street. Walk the path to the road. The distance from your starting point to the road (the little path) is 28 meters. Go north on Railroad Street. Your final destination is on the west side of Railroad Street. You will have walked a total of 63 meters from your starting point (including the 28 meters path at the end of your walk). What is your final destination?

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

The sum of forty-seven and twenty-one is thirty-six more than a number. What is the number?

Two-fourths of a number equals 788. What is the number?

Two-fourths of a number equals 44. What is the number?

If nine is added nineteen times to a number, the result is 238. What is the number?

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

	x	+	-	=	
	B	C	B	C	1
+	B	C	C	C	20
+	B	C	?	A	37
=	3	60	41	43	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + C + A = 43 \quad B \times C + \underline{\quad} - C = 20$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 3 \quad \underline{\quad} \times \underline{\quad} + \underline{\quad} - \underline{\quad} = 1$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 60$$

Additional hints:

$$B < 10 \quad C = A + 17$$

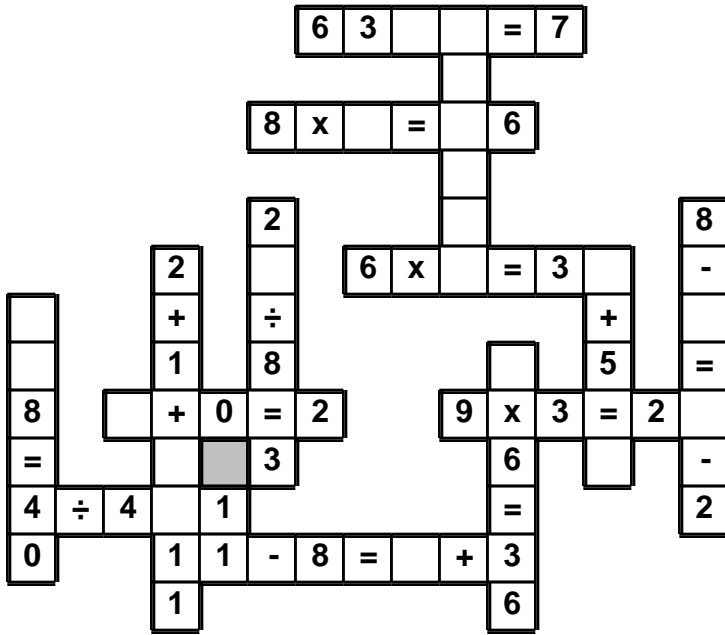
Solve:

$$? = \underline{\quad}$$

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

÷ • 9 • x • 7 • 5 • = • 4 • 4 • 5 • 0 • 5 • 3 • x • 6 • 2 • 7 • 8  
 5 • = • 0

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



A toy car can go 4 mph. How long would it take to go 14 miles?

130, 140, \_\_\_\_\_, 160, 170, 180, 190

Estimate quickly the difference.  
 5,660 - 2,950

$5 - (5 - 5) \times 10$

Round 93,675 to the nearest hundred.

Yummy Donuts gave three dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?



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



How many times  
do you need to spin?

I needed to spin \_\_\_\_\_  
time(s) to finish the page.

Spin fidget spinner. Quick!

I needed to spin \_\_\_\_\_ time(s) to finish.

$$6 - 4 + 77 \div 11 = \underline{\quad}$$

$$7 - 6 + 7 = \underline{\quad}$$

$$1 \times 9 \times 1 + 1 = \underline{\quad}$$

$$7 - 6 + 5 = \underline{\quad}$$

$$7 - 3 + 4 = \underline{\quad}$$

$$6 \times 4 + 9 = \underline{\quad}$$

$$1 \times 2 + 14 \div 7 = \underline{\quad}$$

$$1 + 11 \times 11 = \underline{\quad}$$

$$1 \times 2 \times 8 - 1 = \underline{\quad}$$

$$3 \times 3 + 11 = \underline{\quad}$$

$$8 + (24 \div 3) \times 1 = \underline{\quad}$$

$$(2 \times 12) - 11 = \underline{\quad}$$

$$5 \times (7 \times 8) + 2 = \underline{\quad}$$

$$11 - 7 + 12 = \underline{\quad}$$

$$1 \times 6 - 5 = \underline{\quad}$$

$$6 + 7 \times 8 = \underline{\quad}$$

$$4 - 1 \times 1 - 1 = \underline{\quad}$$

$$10 + 8 - 6 = \underline{\quad}$$

$$2 \times 7 \times 4 \times 7 = \underline{\quad}$$

$$10 \times (10 + 8) = \underline{\quad}$$

$$1 + 4 \times 3 + 9 = \underline{\quad}$$

$$12 + 4 - 7 = \underline{\quad}$$

$$9 \times 8 - 2 + 5 = \underline{\quad}$$

$$(8 \times 6) + 5 = \underline{\quad}$$

$$(7 - 6 + 2) - 3 = \underline{\quad}$$

$$8 \times 9 + 2 = \underline{\quad}$$

$$(9 \times 5) \times 9 = \underline{\quad}$$

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



How many times  
do you need to spin?

I needed to spin \_\_\_\_\_  
time(s) to finish the page.

Spin fidget spinner. Quick!

I needed to spin \_\_\_\_\_ time(s) to finish.

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

$$12 + 8 - 12 = \underline{\quad}$$

$$6 + 8 + 5 - 2 = \underline{\quad}$$

$$10 - (7 + 2) = \underline{\quad}$$

$$6 + 3 - 5 = \underline{\quad}$$

$$3 \times 10 + 4 = \underline{\quad}$$

$$(1 \times 8) - 2 = \underline{\quad}$$

$$(7 + 9) + 6 = \underline{\quad}$$

$$7 \times 1 - (3 + 3) = \underline{\quad}$$

$$12 + 3 \times 9 = \underline{\quad}$$

$$5 - 1 \times 3 = \underline{\quad}$$

$$(5 + 5) + 12 = \underline{\quad}$$

$$2 + 6 + 32 \div 8 = \underline{\quad}$$

$$11 + 3 + 12 = \underline{\quad}$$

$$9 - 3 + 8 \div 4 = \underline{\quad}$$

$$10 + (6 + 12) = \underline{\quad}$$

$$6 - 2 + 9 = \underline{\quad}$$

$$6 + 3 + 9 = \underline{\quad}$$

$$4 \times (6 \times 9) - 7 = \underline{\quad}$$

$$9 + (12 \times 11) = \underline{\quad}$$

$$6 \times 7 + 9 = \underline{\quad}$$

$$(2 \times 11) + 1 = \underline{\quad}$$

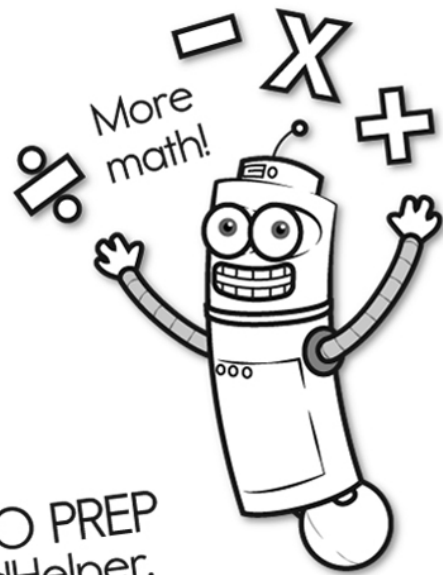
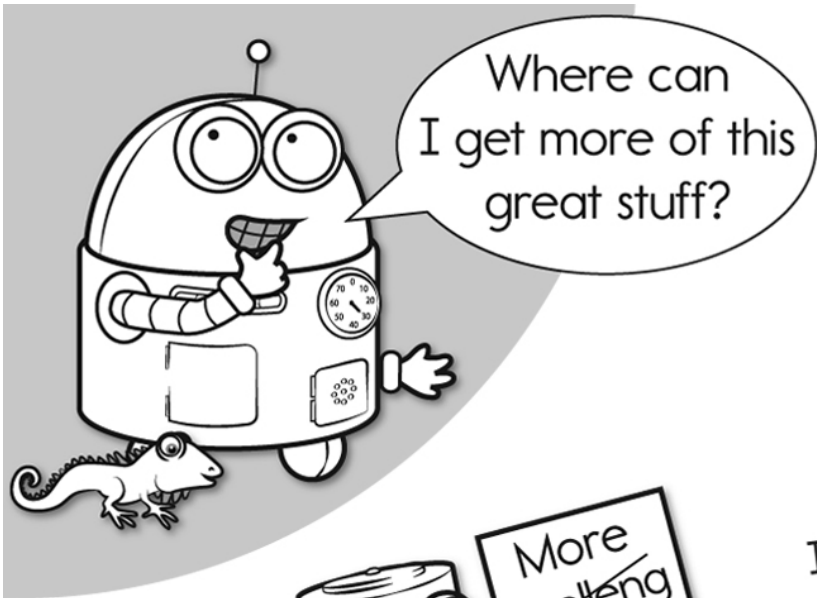
$$3 + (48 \div 8 + 1) = \underline{\quad}$$

$$11 \times 1 - 1 = \underline{\quad}$$

$$5 \times 8 \times 2 = \underline{\quad}$$

$$5 \times 7 + 2 = \underline{\quad}$$

$$(9 \times 5) + 5 = \underline{\quad}$$



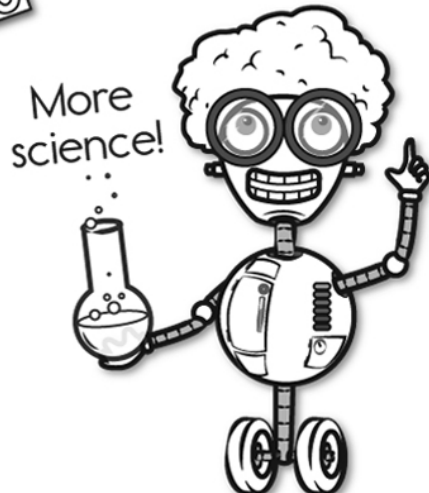
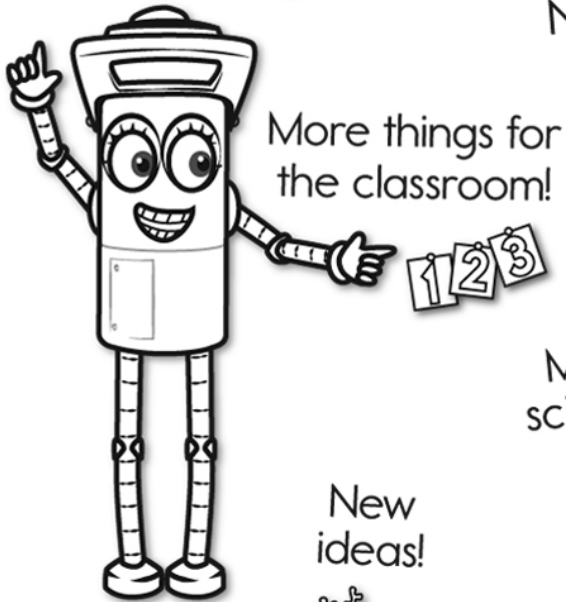
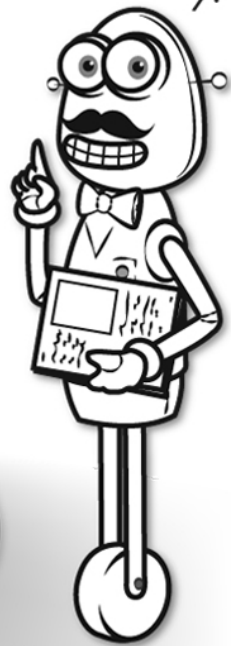
It's NO PREP at edHelper.

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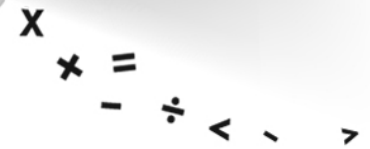


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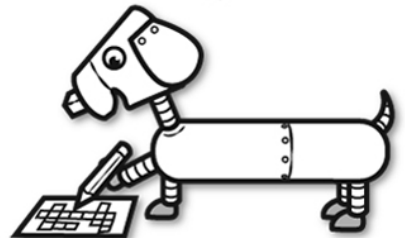
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