

Name: _____

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

A

15	97	96
47	76	73
85	77	13
50	25	54

Find an
addition fact.

B

6	69	45
80	28	51
26	98	56
36	37	12

Find an
addition fact.

C

60	12	3
21	41	25
92	31	93
64	57	83

Find an
addition fact.

Equations:

Write the equation facts you found.

A	50	+	47	=	97
B		+	6	=	
C		+		=	60

What should replace the R in this equation?

$$27 \div 9 + R = 19$$

$$11 \times 3 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 314 \\ + 211 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 29 \\ \hline \end{array}$$

$$8,698 - 1,979 = \underline{\hspace{2cm}}$$

$$1 \text{ km} = 1,000 \text{ m}$$

$$21 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

Name: _____

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

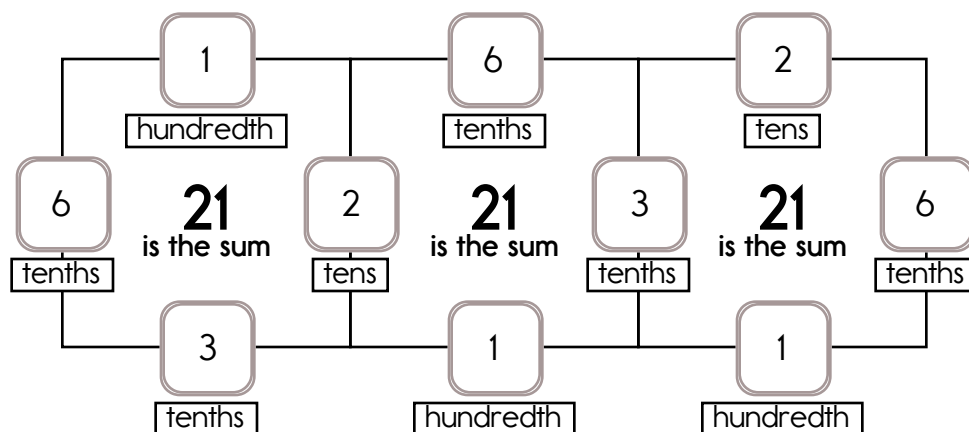
Example:

$$0.6 + 20 + 0.1 + 0.3 = 21$$

Example:

$$0.3 + 0.6 + 20 + 0.1 = 21$$

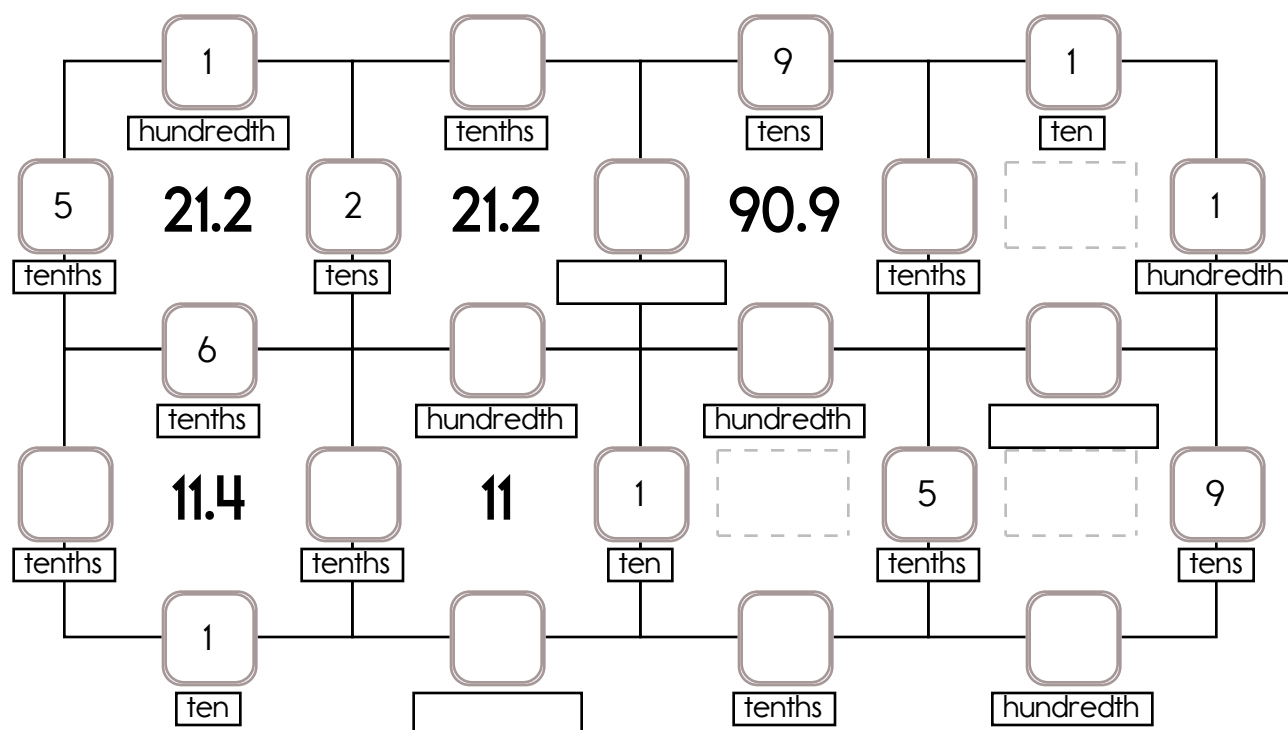
Sample:



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: 1 ten, 2 tens, or 9 tens.

The other three numbers have to all be DIFFERENT and must be from these: 1 hundredth, 3 tenths, 5 tenths, or 6 tenths.



Name: _____

Draw a line to match each problem with the same answer.

25% of 88



44% of 75

35% of 180



80% of 50

100% of 29



21% of 100

30% of 50



90% of 190

29% of 100



88% of 25

95% of 180



42% of 150

14% of 150



30% of 110

25% of 160



75% of 20

Write the reciprocal.

$$\frac{14}{4}$$

Write the reciprocal.

$$\frac{1}{3}$$

Write the reciprocal.

$$\frac{12}{14}$$

$$5 + 5 \cdot 9 + 3$$

If $b = 6$ and $f = -14$ then
what is $5b - 15f - 3f = ?$

$$0.6 \times 0.2$$

What is the perimeter
of a rectangle with a
length of 60
centimeters and a width
that is $\frac{1}{5}$ the length?

What is the area of a
rectangle with a length
of 22 centimeters and a
width that is $\frac{1}{2}$ the
length?

In what quadrant would
you find the point (5, -1)?

Name: _____

How can you use rounding to check if your answer to a multiplication problem is reasonable?

The fish in tank 1 are fed every 8 hours. The fish in tank 2 are fed every 6 hours. Assuming they are both fed at the same time on one day, how many hours will it be before they are again both fed at the same time?

What is 7% of 71?

Put one line under the smallest number. Put two lines under the next smallest, and so on. The largest number should have 4 lines under it.

5.5

-7.9

-7.3

5.4

Name: _____

$$(6 + 8 + 14 + 5) =$$

$$0.3 (0.4 (0.3 \times 5)) =$$

Circle the percentage that is closest to 18 out of 73:

66%

30%

5%

$$(6 + 16) + 2 = 2(v + 5)$$

What is the value of v?

$$\text{If } 5x = 85, \text{ then } x =$$

Use $>$, $<$, or $=$ to complete.

$$\frac{3}{9} \text{ — } 41\%$$

$$66\% \text{ — } \frac{3}{10}$$

$$70\% \text{ — } \frac{2}{8}$$

Dr. Rock discovered a new planet. As he explains it, this new planet has a diameter that is 8.13 times that of Earth's. If Earth's diameter is 12,756 kilometers. What is this new planet's diameter?

A circle graph has four sections. Only three sections are labeled. The labels are 29.6%, 25.14%, and 25.26%. What should the missing section be?

A circle graph has four sections. Only three sections are labeled. The labels are 22%, 20%, and 12%. What should the missing section be?

$$21 - t + 13 = 23$$

What is the value of t?

Simplify.

$$\frac{16}{40} =$$

$$8 \times 8 = x^2$$

What is the value of x?

Name: _____

<p>Mr. King went to breakfast at Brennan's while he was in New Orleans. His breakfast cost \$27. He left a 15% tip for the server and paid 7% sales tax on the food. What was his total cost for breakfast? (hint: He did not pay tax on the tip.)</p>	<p>If it takes 1.9 yards of denim to make a pair of Levis in size 10, how much denim does it take to make 33 pairs of size 10 jeans?</p>	<p>Carol's Candies made a certain number of pecan clusters for Candy Month. The number of clusters is between 455 and 555. The tens digit is three more than the ones digit. The sum of the tens and ones digits is 13. How many pecan clusters were made?</p>
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<p>Sarah got a new soccer shirt. Can you guess the number on the back of her shirt?</p> <p>It has two digits. The digits add up to 16. The larger digit is 2 more than the smaller digit. The number is odd.</p>	<p>How many pounds are in 96 ounces?</p> <p>_____ pounds</p>
	<p>Circle the addition property for $56 + 147 = 147 + 56$.</p> <p>associative property commutative property</p>
	$\begin{array}{r} 49 \\ + 32 \\ \hline \end{array}$
<p>$32 \div 8 =$ _____</p>	<p>$4 \times 10 =$ _____</p>
	<p>In the number 65,109,166,108, the digit 8 is in what place?</p> <p>_____</p>

Name: _____

$3 \times 4 =$ _____	$27 \text{ kg} =$ _____ g	$\begin{array}{r} 770 \\ - 249 \\ \hline \end{array}$
$7 \times 6 =$		

<p>Four-fifths of the children in Robinson's class want to go outside. If Robinson agrees with the majority, will the class stay inside or go outside?</p>	<p>Nathan has two quarters, four pennies, and one nickel. He also has one other coin that is different from the rest of his coins. How much could he have?</p>
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$48 \div 12 =$ _____	<p>Write the missing family fact.</p> <p> $66 + 64 = 130$ $130 - 66 = 64$ $130 - 64 = 66$ _____ </p>	$12 \times 11 =$ _____
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<p>Fill in the missing operations to complete this equation:</p> <p>$8 \text{ ____ } 2 \text{ ____ } 19 = 23$</p>	$36 \div 12 =$ _____	$8 \times 5 =$ _____
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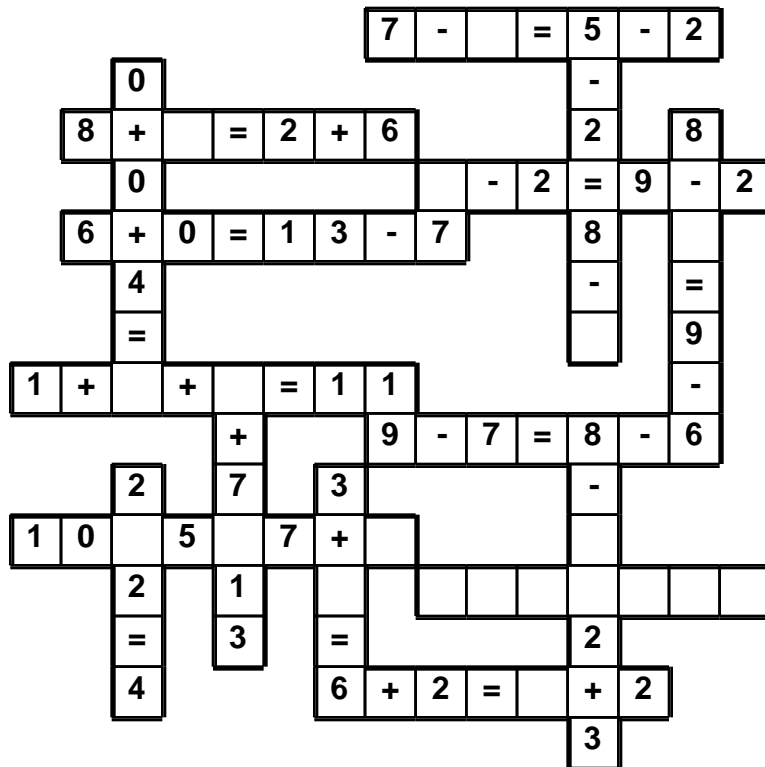
$110 \div 10 =$	$10 \times 11 =$ _____	$(9 + 3) + 2 =$
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$80 \div 10 =$ _____	$14 \div 2 =$ _____	<p>Rewrite these in increasing order of length:</p> <p>465 km, 4 m, 699 cm, 989 mm, 269 dm</p>
$45 \div 9 =$	$2 \times 9 =$ _____	

Name: _____

4 • 0 • 9 • 5 • 5 • 4 • 6 • + • = • 8 • 3 • 3 • 4 • + • 5 • =
4 • + • 5 • 6

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



$5 \times 11 =$

$9 \times 11 =$ _____

Circle the digit in the hundredths place.

738.215

The product of two consecutive whole numbers is 56. What are the two consecutive whole numbers?

Can 977 be evenly divided by 3? Circle:

977 is evenly divisible by 3

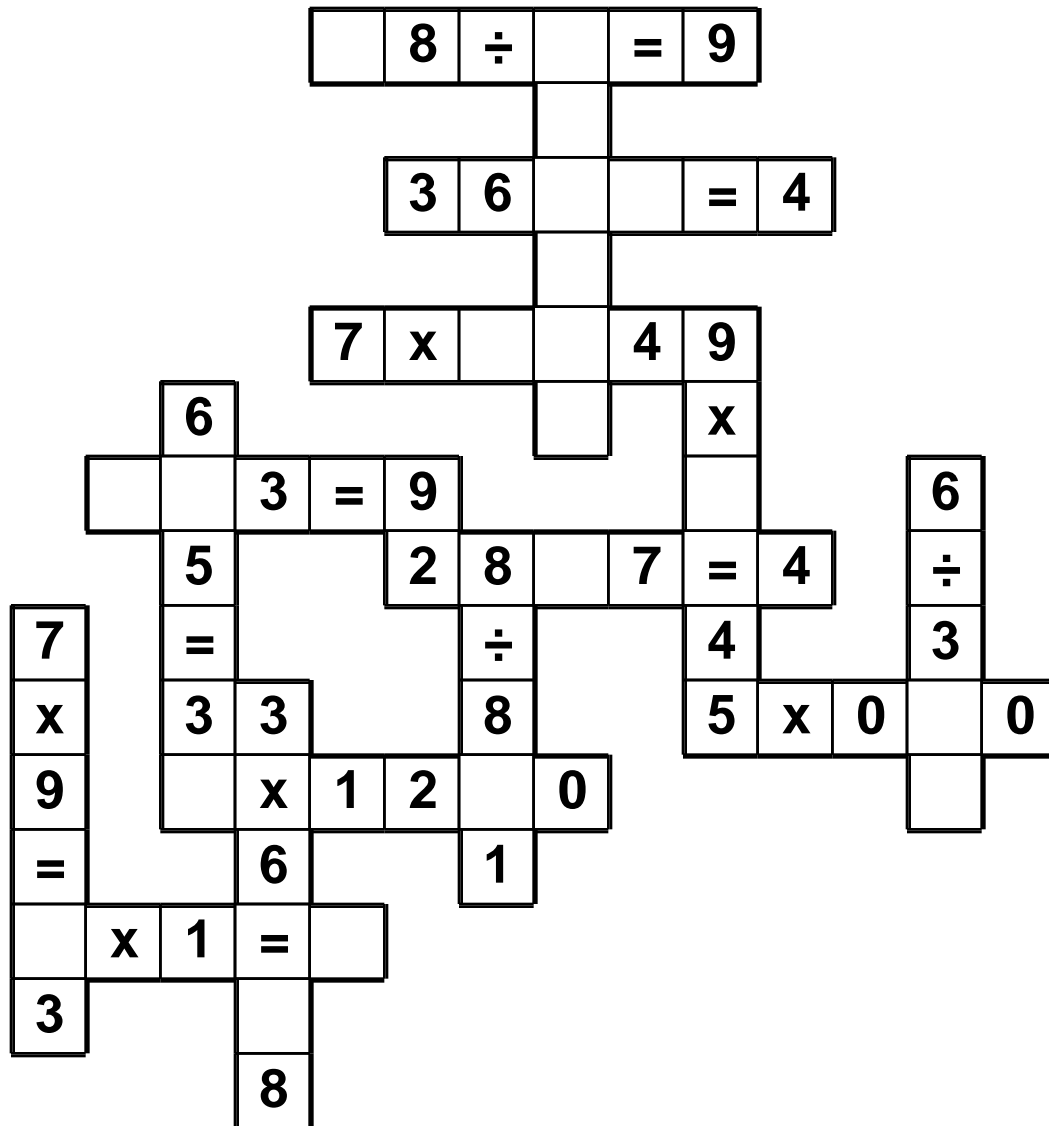
977 is NOT evenly divisible by 3

$9,257 - 4,938 =$ _____

Name: _____

1 • 2 • 0 • ÷ • 9 • 5 • 7 • = • 4 • 3 • x • 5 • ÷ • = • 0 • =
2 • 6 • 6 • 1

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



$88 \div 8 =$ _____

$56 \div 8 =$ _____

Write 16,993 in words.

$7 \times 2 =$ _____

Name: _____

Give two answers for x in each equation.

$$|11 + x| = 17$$

$$|-8 - x| = 24$$

Jen is really into science. She invented a robotic bug that burps. Her brother loves it, so she wanted to burp her brother today. She checked her phone, and her brother is currently 2.7 miles away. After she set the coordinates on the phone the robotic bug left. She got a burp confirmation 213.3 seconds later when it reached her brother. How fast did this burping bee travel in miles per hour?

Jack has a headache. He can't stand long lists. "Can you repeat that again?" he asks. "It's easy. Name a number that is greater than 5, less than 12, is a multiple of 4, and FINALLY is a factor of 48," replies Jacob.

Name: _____

Find 2 equations hidden in each box. Good luck!

$3 - 1$

 6

$5 - 1$

2

 5

$8 - 3$

8 9

Write 2 equations: _____

$7 + 43$

 $82 + 5$

 87

 46
 $9 + 34$

$47 + 4$

 94

 91
 $9 + 94$

$9 + 91$

 58

 42

 $62 + 7$

71
 61
 98
 $6 + 36$

 34

65

Write 2 equations: _____

81

 28
 27

 7×6

 9

0×9

 72

 6×8

 9×5

 0

32

 9×7

3

 42

 4

 3×8

 20

Write 2 equations: _____

Name: _____

Draw a line from START to END.

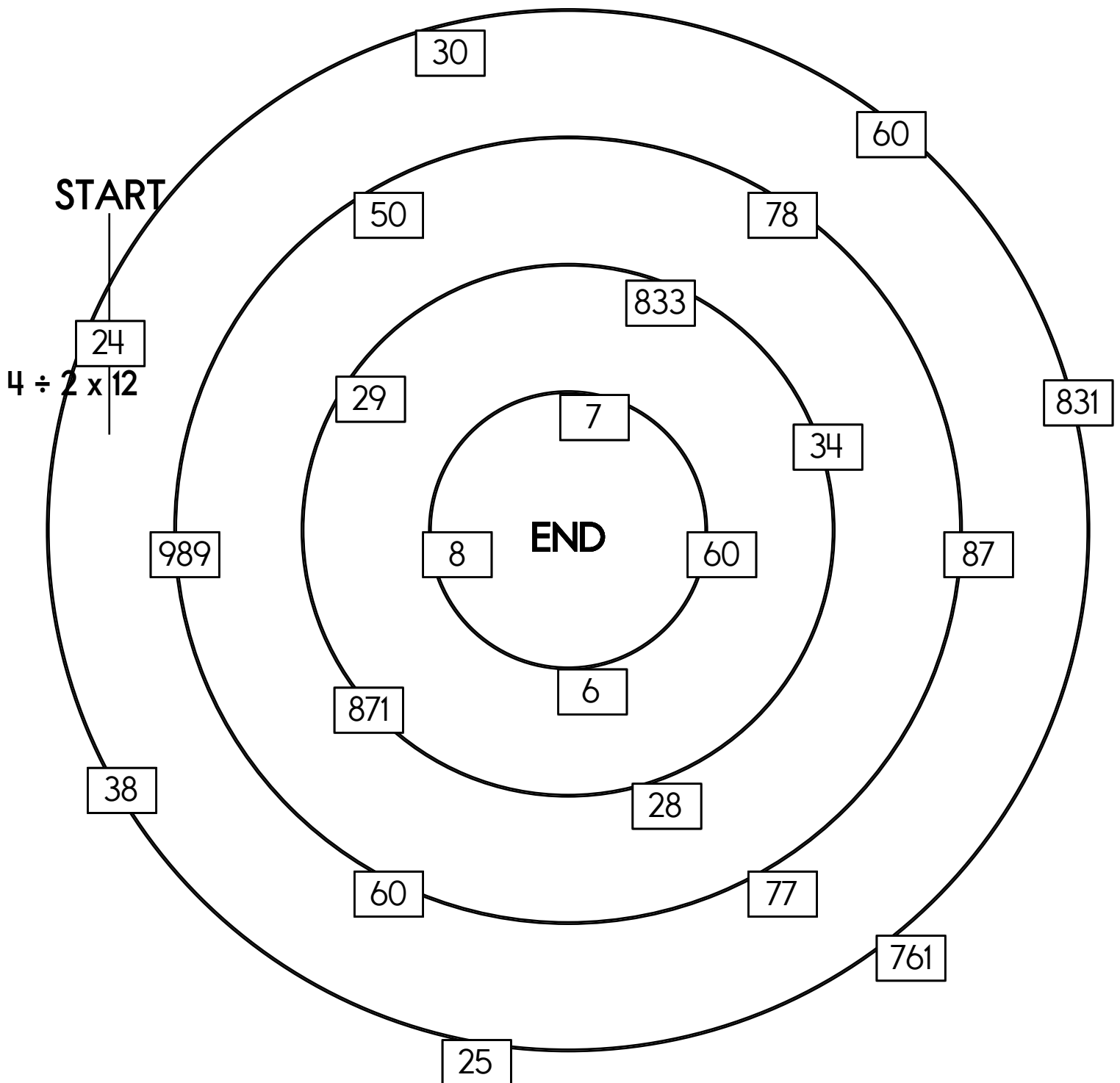
$$1 + 30 \div 6$$

$$6 + 8 + 7 + 7$$

~~$$4 \div 2 \times 12$$~~

$$10 + 8 \times 7 + 11$$

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














Name: _____

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

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

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

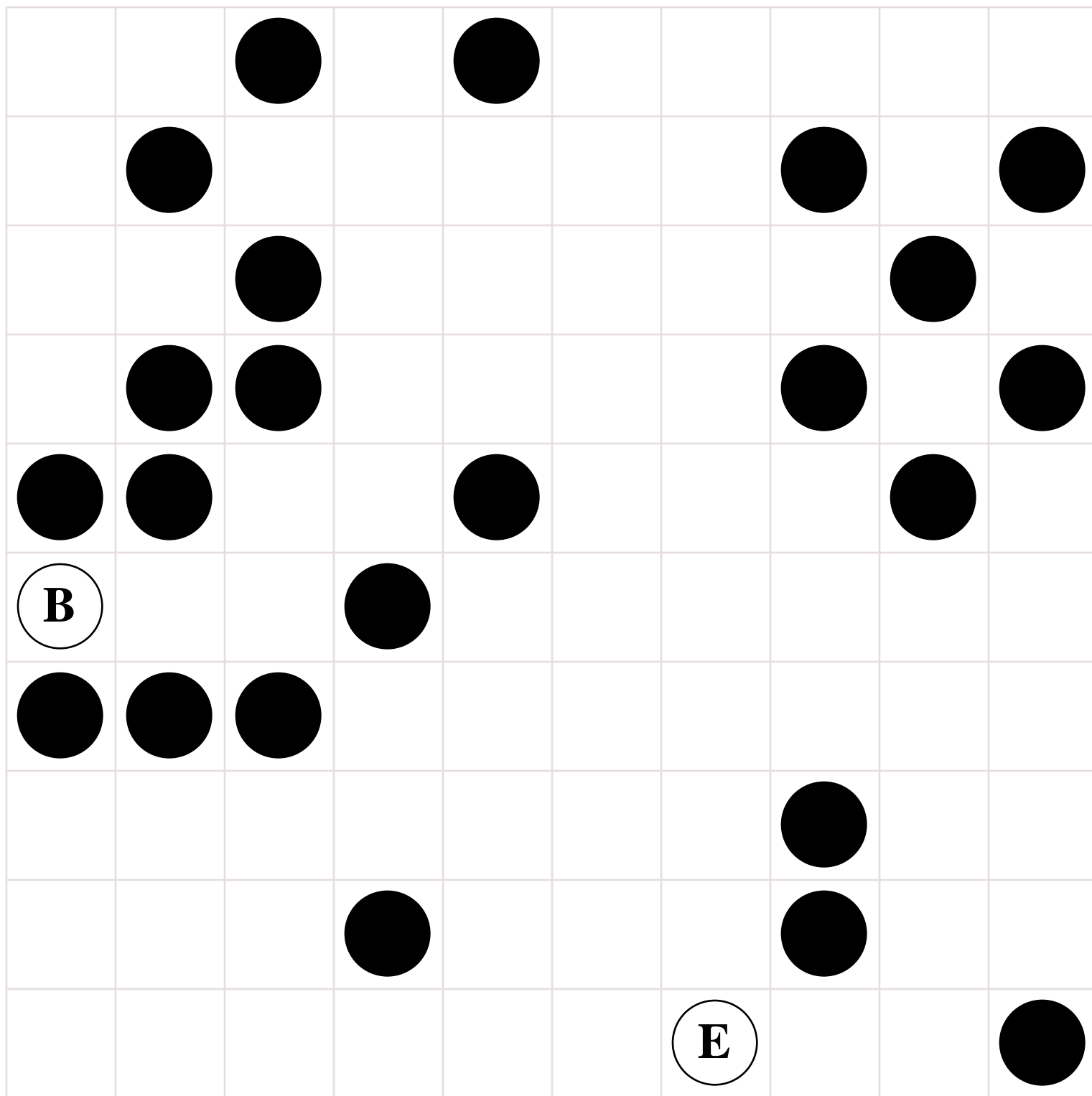
					
					
					
					
					
					

Name _____

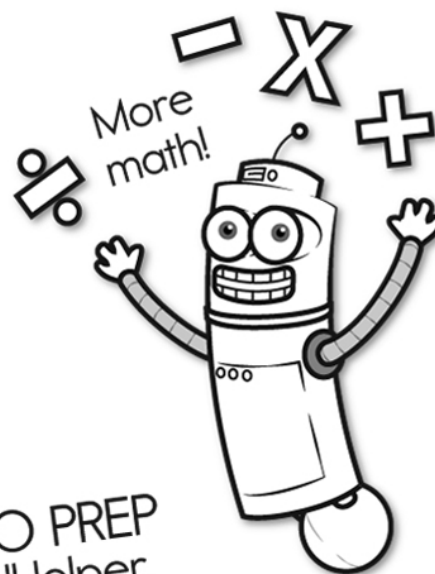


Date _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and end your last line on the **E** circle. You can go through a circle more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ circles.



It's NO PREP at edHelper.

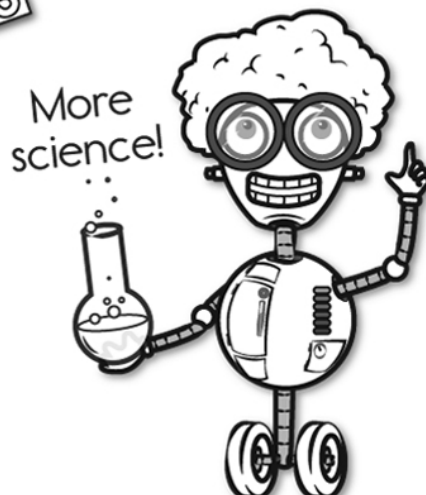
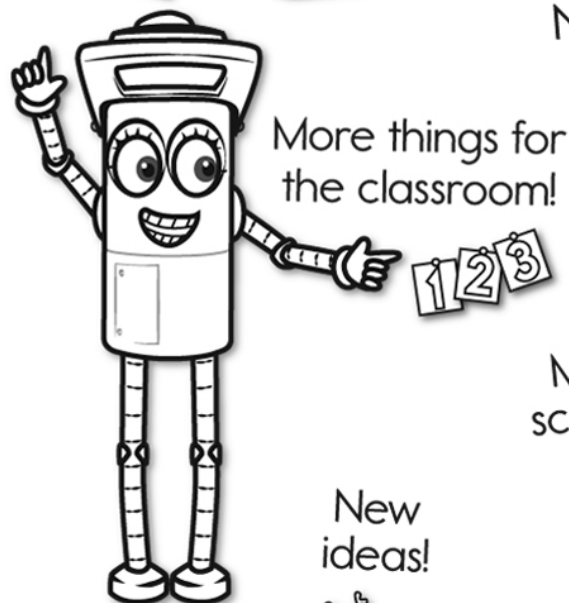
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