

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

Connect coin groups to make 75 cents. How many groups can you make?

1 nickel

1 dime

5 pennies

60 pennies

10 pennies

5 dimes

6 dimes

1 dime

10 pennies

Ava drew a square with an area of 36 square centimeters. Nathan drew a square with an area of 144 square centimeters. How much bigger is the perimeter of the square that Nathan drew than the perimeter of the square that Ava drew?

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

Is 13 a composite or a prime number?

$$319 + 8 =$$

If you exchange 70 dimes for dollars, then how many dollars would you get?

Hunter bought 6 dozen cupcakes for a party. How many cupcakes did he buy?

38 is a multiple of 19 and 2.

32 is a multiple of \_\_\_ and \_\_\_.

39 is a multiple of \_\_\_ and \_\_\_.

double 22 =

It was 78 degrees outside. What would the temperature be if it got 10 degrees colder?

$$6 \div \frac{1}{9}$$

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

The diameter of a circle is 1,234 cm. What is the radius of this circle?

68, 75, \_\_\_\_\_, 89, 96, 103, 110, 117, 124, 131

(512), (64), (8), (1),  
 $\frac{1}{8}$ , \_\_\_\_\_,  $\frac{1}{512}$ ,  $\frac{1}{4096}$ ,  
 $\frac{1}{32768}$

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

Kevin had 5 cups of milk. He used all of the milk to make 3 chocolate milkshakes. How many milkshakes could he make with 10 cups of milk?

Mrs. Thompson made cookies for National Kids Day. She served 250 milliliter cups of milk to her students. There are 15 students in her class. If each one drank one cup of milk, how many liters of milk were drunk?

Mr. Thomas replaced one of the bulbs in the classroom with a 60-watt bulb that is supposed to last 7,000 hours. The bulb will be used 7 hours each day school is in session. In how many school days will this bulb need to be replaced again? Assume that you will want to change the bulb before a school day starts if it will go out during school.

The Zippy Zoo is special.

"Why?" asks Sally.

"Just look!" yells her brother.

It is obviously special because all they have are zebras. A total of 63 of them! The cool part is that 3 out of every 7 zebras at Zippy Zoo are not real zebras. They are robots.

"Wow," says Sally. "How many robot zebras are there?"



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

Get a fidget spinner! Spin it.

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

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

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

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

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

$3 \times 7 = \underline{\quad}$

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

$12 \div 4 = \underline{\quad}$

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

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

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

$8 \times 4 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

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

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

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

$42 \div 6 = \underline{\quad}$

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

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

$9 + 5 = \underline{\quad}$

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

$45 \div 9 = \underline{\quad}$

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

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

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

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

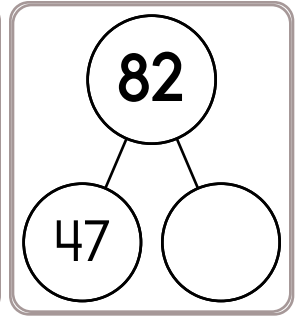
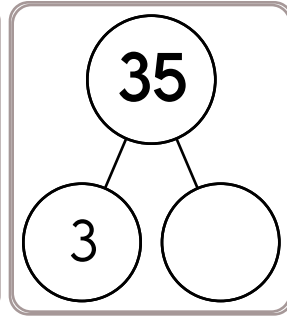
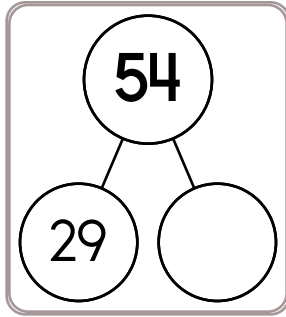
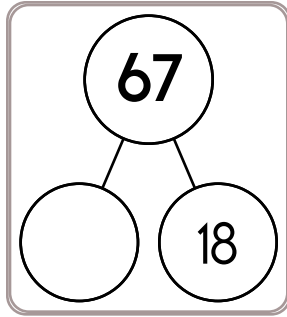
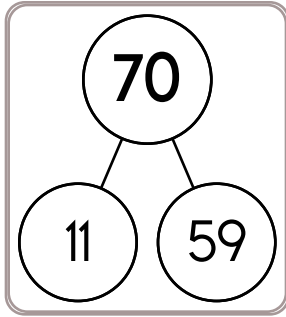
$4 + 7 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

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

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

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



$27 + 5 = \underline{\quad}$

$45 + 9 = \underline{\quad}$

$34 + 7 = \underline{\quad}$

$18 + 4 = \underline{\quad}$

$57 + 3 = \underline{\quad}$

$78 + 5 = \underline{\quad}$

$65 + 7 = \underline{\quad}$

$15 + 8 = \underline{\quad}$

$37 + 4 = \underline{\quad}$

$47 + 5 = \underline{\quad}$

$55 + 7 = \underline{\quad}$

$76 + 8 = \underline{\quad}$

$24 + 7 = \underline{\quad}$

$67 + 6 = \underline{\quad}$

$73 + 3 = \underline{\quad}$

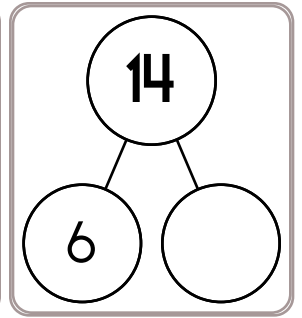
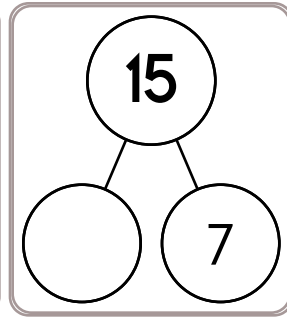
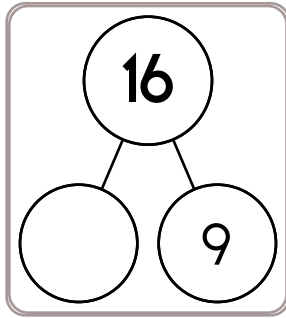
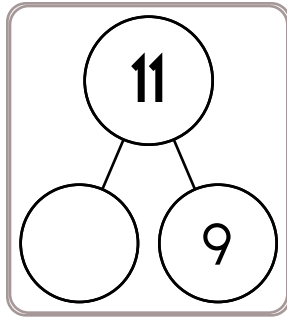
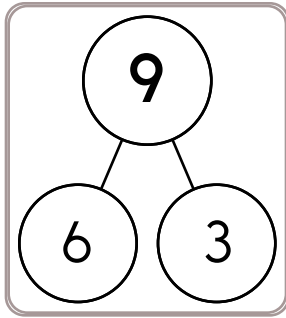
$68 + 7 = \underline{\quad}$

$59 + 9 = \underline{\quad}$

$47 + 7 = \underline{\quad}$

$26 + 7 = \underline{\quad}$

$18 + 5 = \underline{\quad}$



$58 + 7 = \underline{\quad}$

$77 + 6 = \underline{\quad}$

$47 + 8 = \underline{\quad}$

$15 + 7 = \underline{\quad}$

$66 + 7 = \underline{\quad}$

$37 + 4 = \underline{\quad}$

$29 + 8 = \underline{\quad}$

$45 + 6 = \underline{\quad}$

$79 + 6 = \underline{\quad}$

$13 + 4 = \underline{\quad}$

$59 + 4 = \underline{\quad}$

$38 + 3 = \underline{\quad}$

$28 + 7 = \underline{\quad}$

$65 + 5 = \underline{\quad}$

$26 + 9 = \underline{\quad}$

$14 + 7 = \underline{\quad}$

$66 + 3 = \underline{\quad}$

$56 + 5 = \underline{\quad}$

$77 + 5 = \underline{\quad}$

$49 + 5 = \underline{\quad}$



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

Spin again.

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

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

$7 \times 3 = \underline{\quad}$

$16 \div 4 = \underline{\quad}$

$5 - 4 = \underline{\quad}$

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

$8 + 3 = \underline{\quad}$

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

$4 + 8 = \underline{\quad}$

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

$63 \div 7 = \underline{\quad}$

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

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

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

$4 + 5 = \underline{\quad}$

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

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

$64 \div 8 = \underline{\quad}$

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

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

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

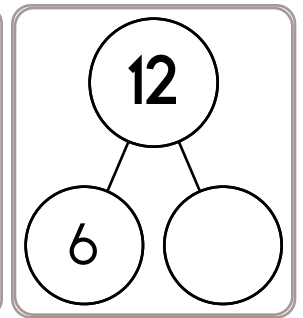
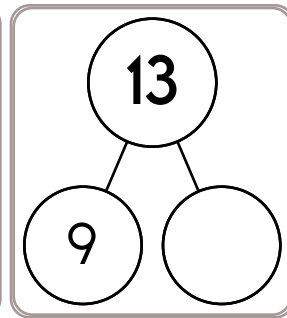
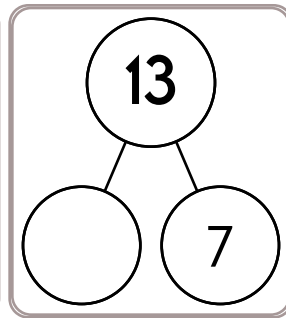
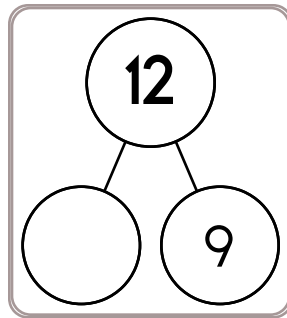
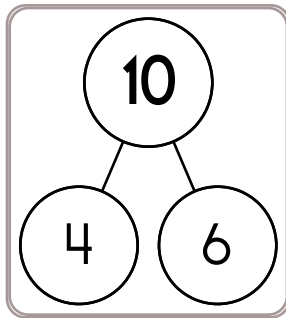
$3 + 6 = \underline{\quad}$

$8 + 3 = \underline{\quad}$

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

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

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



$27 + 9 = \underline{\quad}$

$33 + 4 = \underline{\quad}$

$17 + 6 = \underline{\quad}$

$49 + 3 = \underline{\quad}$

$55 + 8 = \underline{\quad}$

$65 + 9 = \underline{\quad}$

$73 + 6 = \underline{\quad}$

$35 + 5 = \underline{\quad}$

$49 + 5 = \underline{\quad}$

$27 + 4 = \underline{\quad}$

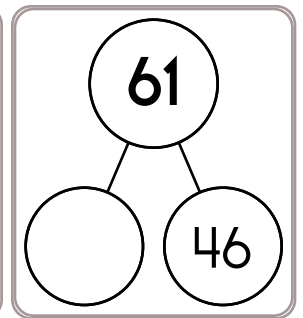
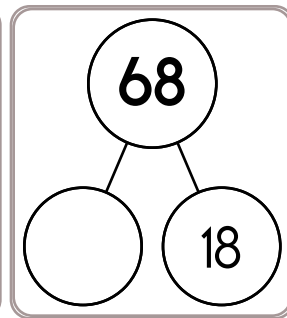
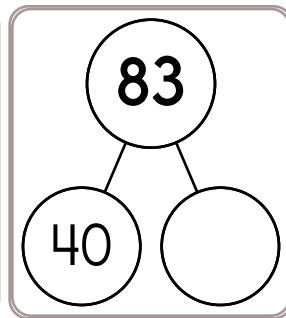
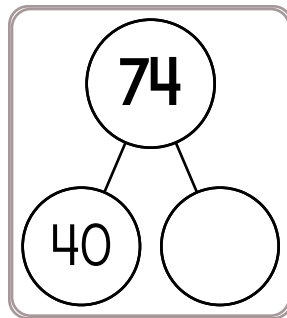
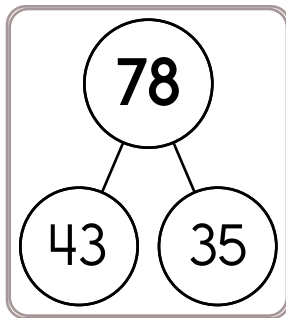
$74 + 7 = \underline{\quad}$

$55 + 7 = \underline{\quad}$

$69 + 4 = \underline{\quad}$

$15 + 4 = \underline{\quad}$

$23 + 5 = \underline{\quad}$



$63 + 9 = \underline{\quad}$

$26 + 8 = \underline{\quad}$

$76 + 3 = \underline{\quad}$

$39 + 9 = \underline{\quad}$

$53 + 4 = \underline{\quad}$

$44 + 5 = \underline{\quad}$

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

$15 + 7 = \underline{\quad}$

$59 + 4 = \underline{\quad}$

$29 + 8 = \underline{\quad}$

$43 + 8 = \underline{\quad}$

$78 + 9 = \underline{\quad}$

$37 + 4 = \underline{\quad}$

$68 + 5 = \underline{\quad}$

$49 + 8 = \underline{\quad}$

$37 + 6 = \underline{\quad}$

$66 + 5 = \underline{\quad}$

$57 + 7 = \underline{\quad}$

$15 + 3 = \underline{\quad}$

$25 + 8 = \underline{\quad}$

$74 + 3 = \underline{\quad}$

$58 + 3 = \underline{\quad}$

$34 + 9 = \underline{\quad}$

$18 + 3 = \underline{\quad}$

$23 + 7 = \underline{\quad}$

$73 + 8 = \underline{\quad}$

$48 + 5 = \underline{\quad}$

$65 + 8 = \underline{\quad}$

$29 + 3 = \underline{\quad}$

$74 + 3 = \underline{\quad}$

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

$\begin{array}{r} 43 \\ + 35 \\ \hline \end{array}$	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>seven hundred seventy-two thousand, one hundred ninety-eight</p> <p>_____</p>	<p>14 km = _____ m</p>
---	--	------------------------

$27 \div 9 =$	<p>How many yards are in 12 feet?</p> <p>_____ yards</p>	$4 \times 3 =$
---------------	--	----------------

$\begin{array}{r} 72 \\ - 31 \\ \hline \end{array}$	<p>Eric invented a robotic bug. The bug can crawl four centimeters in twenty seconds. How long would it take the bug to crawl thirty-two centimeters?</p>	$\begin{array}{r} 408 \\ - 167 \\ \hline \end{array}$
---	---	---

$15 \div 3 =$	<p>Rosa was given four numbers: 12, 11, 15, and 14. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than four-fifths?</p>	$\begin{array}{r} 477 \\ + 368 \\ \hline \end{array}$
---------------	--	---

<p>Write the missing family fact.</p> <p><math>27 - 10 = 17</math>  <math>17 + 10 = 27</math>  <math>27 - 17 = 10</math></p> <p>_____</p>	<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>
---	--

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

1 lb = 16 oz  9 lb = _____ oz	Which has the largest answer? $372 \div 29$ $382 \div 29$ $389 \div 29$
-------------------------------------	--

Circle the digit in the tenths place.  115.45	How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.
What time is 13 hours after 2:00 a.m.?  _____	

Circle the greatest number: $6,529,403$ $64,213,095,781$ $9,345$ $28,607,178$	How many digits are in ten times ten times ten?  _____
---	--

Draw a shape that has between three and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.	$6 \times 7 =$	Miss Smith made 10 blueberry fritters. She gave 2 to Hunter and 5 to David. Write a fraction to describe the fraction of the fritters that are left.

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

$27 \div 3 =$

If you multiply  $591 \times 574$ , you will have a number that is how much bigger than  $197 \times 287$ ?

It will be four times as big.

It will be six times as big.

It will be twice as big.

It will be three times as big.

It will be seven times as big.

It will be nine times as big.

The principal of your school wants to buy thirty-four books. Each book costs \$11.70. She wants to estimate how much it will cost. Show her how you would estimate the cost:

Circle the smallest number:

1,850,963,724

932,061,874,653

94,576,830,215

71,280

Can 822 be evenly divided by 3? Circle:

822 is evenly divisible by 3

822 is NOT evenly divisible by 3

List seven of the smallest whole numbers that are greater than 133, are multiples of 5, and are not multiples of 8.

Write an equation to represent this:

The sum of nine and ten is nineteen.

\_\_\_\_\_

Circle the addition property for  $78 + 154 = 154 + 78$ .

associative property

commutative property



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

2 • 2 • 2 • 1 • 7 • x • 8 • 3 • ÷ • 3 • 5 • 4 • = • 3 • = • 6  
 0 • 8 • = • 7

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

The puzzle grid contains the following pieces:

- Top row: [ ] x 6 = 1 [ ]
- Row 2: [ ] ÷ [ ] 7 = 4 9
- Row 3: 2 4 ÷ [ ] = [ ]
- Row 4: 4 [ ] [ ] [ ] = [ ]
- Row 5: ÷ [ ] [ ] 4 5 ÷ 9 = [ ]
- Row 6: 5 [ ] ÷ 6 [ ] 9
- Row 7: [ ] ÷ 6 = 0
- Row 8: 1 [ ] 5 [ ]
- Row 9: [ ] x 8 [ ] 6 4
- Row 10: [ ] 0 [ ]
- Row 11: = [ ]
- Row 12: 7 [ ]

$(5 + 9) + 9 =$

In the number 23,032,488,095, the digit 5 is in what place?

\_\_\_\_\_

Write a letter that has a line of symmetry.

\_\_\_\_\_

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

Anthony, Sean, Connor, Nicholas, Jordan, James, and Christian each scored a different number of points (24, 12, 10, 6, 11, 9, and 8) during a game of basketball.

Figure out how many points each person scored.

1. Nicholas scored more points than Sean and more points than Christian.
2. Connor scored fewer points than Nicholas and more points than Anthony.
3. Christian scored fewer points than Sean and more points than Jordan.
4. James scored fewer points than Nicholas and fewer points than Anthony.
5. Sean scored fewer points than Connor.
6. Christian scored fewer points than Anthony.
7. Anthony scored fewer points than Sean.
8. Connor scored more points than Christian.
9. Nicholas scored more points than Jordan.
10. Connor scored two times as many points as James.

Anthony scored \_\_\_\_\_ points.

Sean scored \_\_\_\_\_ points.

Connor scored \_\_\_\_\_ points.

Nicholas scored \_\_\_\_\_ points.

Jordan scored \_\_\_\_\_ points.

James scored \_\_\_\_\_ points.

Christian scored \_\_\_\_\_ points.

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

$$\begin{array}{r} 5 \frac{2}{8} \\ - 3 \frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{4}{5} \\ - \frac{5}{9} \\ \hline \end{array}$$

$$15 - \frac{4}{11}$$

$$\begin{array}{r} \frac{1}{4} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 3 \frac{4}{6} \\ + 7 \frac{1}{6} \\ \hline \end{array}$$

Find the least common denominator.

$$\frac{8}{16} \text{ and } \frac{58}{72}$$

$$9 - \frac{2}{3}$$

Reduce  $\frac{10}{20}$  to its lowest terms.

Find the least common denominator.

$$\frac{8}{30} \text{ and } \frac{16}{10}$$

Sketch 2 lines  $\overleftrightarrow{LM}$  and  $\overleftrightarrow{TU}$  that are intersecting.

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

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

This fraction is equivalent to  $\frac{7}{9}$ . The sum of the digits in the denominator is 9. The sum of the digits in the numerator is 8. What is this fraction?

This fraction is not in simplest form. To reduce this fraction to simplest form you need to divide both the numerator and denominator of this fraction by nineteen. If you multiply the numerator by 3, the numerator would be 171. What is this fraction?

This fraction is equivalent to  $\frac{2}{5}$ . The denominator of this fraction is 12 more than its numerator. What is this fraction?

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

$$\begin{array}{r} 100,746 \\ - 75,047 \\ \hline \end{array}$$

$$\begin{array}{r} 106,208 \\ - 22,389 \\ \hline \end{array}$$

$$\begin{array}{r} 63,926 \\ + 26,199 \\ \hline \end{array}$$

$$\begin{array}{r} 63,642 \\ - 23,576 \\ \hline \end{array}$$

$$\begin{array}{r} 44,807 \\ + 38,330 \\ \hline \end{array}$$

$$\begin{array}{r} 87,659 \\ + 14,487 \\ \hline \end{array}$$

$$\begin{array}{r} 88,143 \\ + 29,555 \\ \hline \end{array}$$

$$\begin{array}{r} 141,145 \\ - 66,027 \\ \hline \end{array}$$

$$\begin{array}{r} 71,872 \\ + 99,942 \\ \hline \end{array}$$

$$\begin{array}{r} 103,940 \\ - 28,844 \\ \hline \end{array}$$

$$\begin{array}{r} 82,209 \\ - 52,327 \\ \hline \end{array}$$

$$\begin{array}{r} 46,908 \\ + 75,258 \\ \hline \end{array}$$

$$\begin{array}{r} 99,442 \\ + 52,396 \\ \hline \end{array}$$

$$\begin{array}{r} 106,074 \\ - 44,208 \\ \hline \end{array}$$

$$\begin{array}{r} 162,731 \\ - 88,467 \\ \hline \end{array}$$

$$\begin{array}{r} 84,665 \\ + 85,860 \\ \hline \end{array}$$

$$\begin{array}{r} 37,567 \\ + 57,493 \\ \hline \end{array}$$

$$\begin{array}{r} 79,520 \\ - 36,608 \\ \hline \end{array}$$

$$\begin{array}{r} 94,137 \\ - 61,528 \\ \hline \end{array}$$

$$\begin{array}{r} 73,836 \\ + 92,098 \\ \hline \end{array}$$

$$\begin{array}{r} 98,030 \\ + 76,934 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 8 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 7 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} 34 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + \square \\ \hline \end{array}$$

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

$$28$$

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

Write the reciprocal.

$$\frac{3}{20}$$

Write as a decimal.

$$2\frac{57}{100}$$

Reduce  $\frac{12}{32}$  to its lowest terms.

$$\frac{1}{8} \div \frac{4}{5} =$$

$$\begin{array}{r} \frac{1}{5} \\ + \frac{5}{10} \\ \hline \end{array}$$

Write as a decimal.  
Four thousandths

Find the least common denominator.

$$\frac{3}{6} \text{ and } \frac{4}{5}$$

$$\frac{2}{3} \times 4\frac{1}{6} =$$

$$6 \div \frac{5}{8} =$$

Write as a decimal.

$$19\frac{685}{1000}$$

Write as a decimal.

$$17\frac{7}{100}$$

Write as a decimal.  
Nineteen and eight hundredths



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

### Can you guess the word?

No duplicate letters can be used.

**D** I T C H

The letter D is in the word  
and is in the correct spot.

B  D G E

The letter A is in the word,  
but A is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that  
have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

T A P E R  
B R E A D  
G R A Z E

C F H I J K L M N O Q S U V W X  
Y

Let's check if you guessed correctly. Look across or  
down to find the correct answer.

PVCAFGRRRAWGBPBREARB  
RREISREJESTERRTAPER  
STNAGCARGUEAEPERRR  
JBBAAPATRGARGGAUAKB  
AAJEAYTWUGBREADABUH  
SUAVBRAODRRCEABAYEK

Hint: There are no duplicate letters in the answer.

F R O Z E  
S O U N D  
B A C O N

G H I J K L M P Q T V W X Y

Let's check if you guessed correctly. Look diagonally  
to find the correct answer. (DIAGONAL!)

LFTRZCOFOXBNFOQO  
VORYAARPOTCANCOA  
ANLONVXONSALCNOO  
EGRPZOELONNLOOAO  
CKOEXECTTBQWONNT  
JKLAOUFBNNOBZNLN

Hint: There are no duplicate letters in the answer.

C O U R T  
V E N O M  
L I O N S

A B D F G H J K P Q W X Y Z

Let's check if you guessed correctly. Look diagonally  
to find the correct answer. (DIAGONAL!)

UMHICUCYLLAOGLPVNX P  
GLRSLOGLLAOLISOUULO  
LGNQUIUUYOJNOOUNOLN  
IGNQONORUXATLNQRGOT  
RROAOGYNTGNOGUGTVRC  
ZAOECNRNSUTCWOODGLX

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

Each row, column, and box must have the numbers 1 through 9.

	4			6			3	
8			4		7		9	
				3		2	8	4
6	3							9
2	8				3		1	7
5			6		1		7	
			3			8	4	
								5

$$\underline{\quad} \times 2 = 12$$

What is the missing number?

$$N \times 12 = 120$$

What is the value of N?

$$\frac{N}{8} = 8$$

$$6m = 42$$

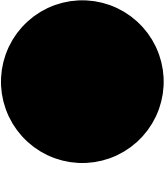
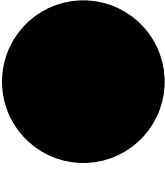
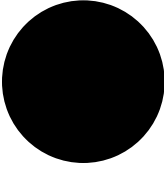
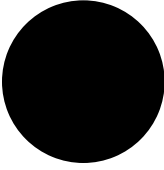
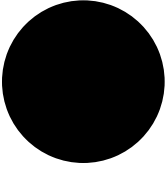
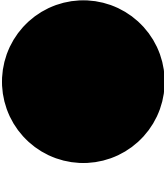
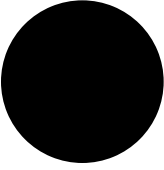
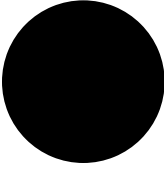
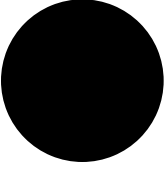
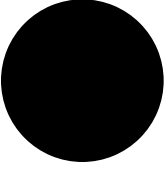
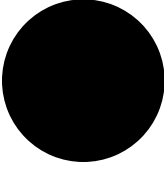
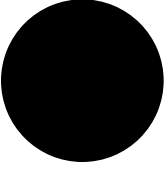
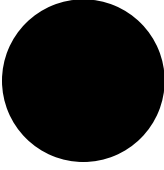
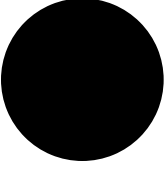
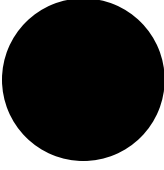
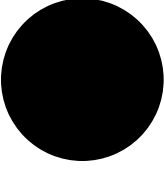
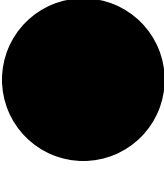
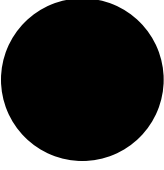
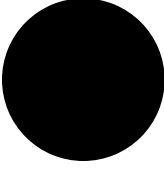
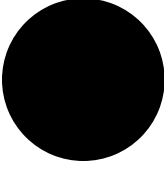
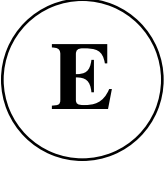
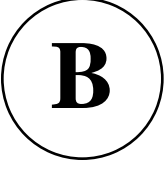


Name \_\_\_\_\_



Date \_\_\_\_\_

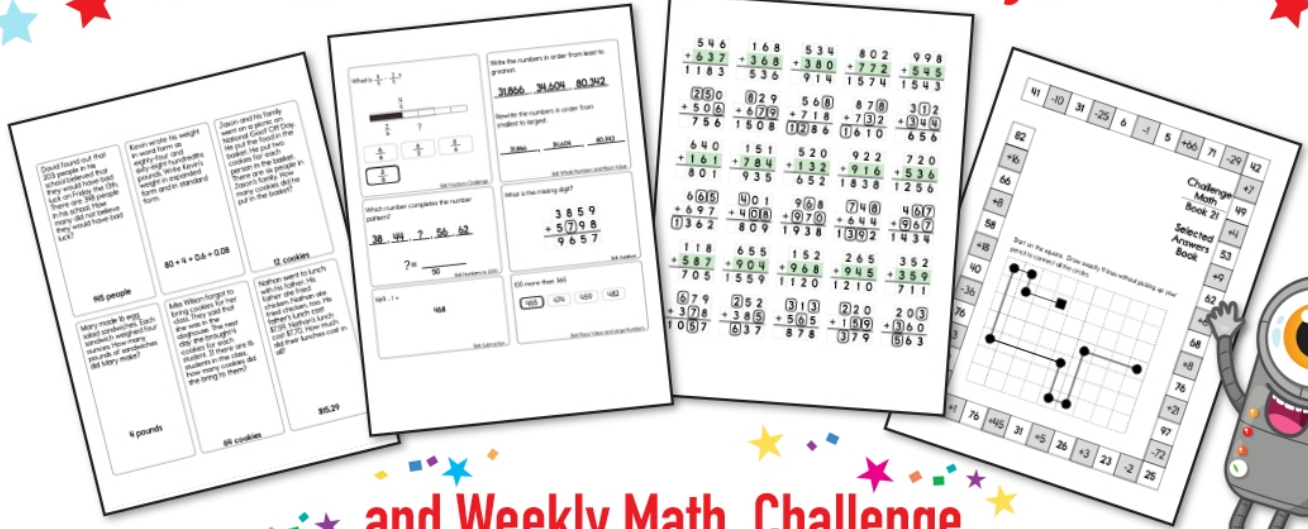
Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and finish your last line on the **E** circle. You can go through a circle more than once.

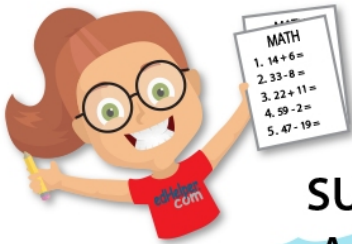
Didn't get them all? That's ok. This was hard.

I missed \_\_\_\_\_ circle(s).

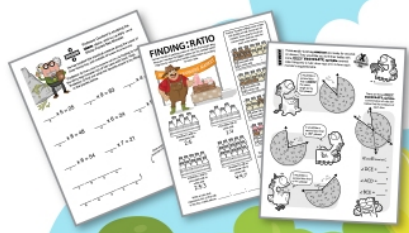
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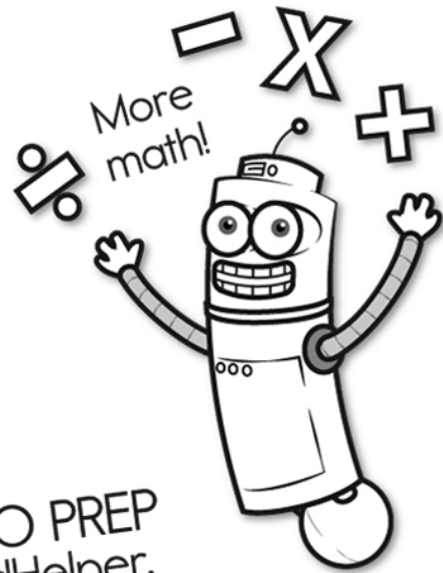
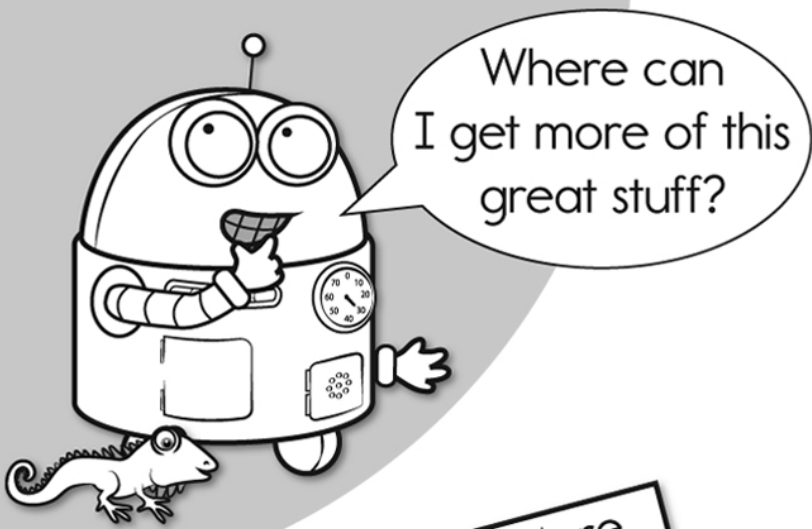
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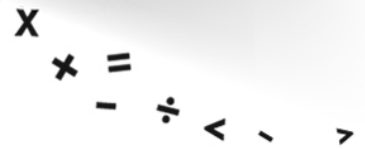
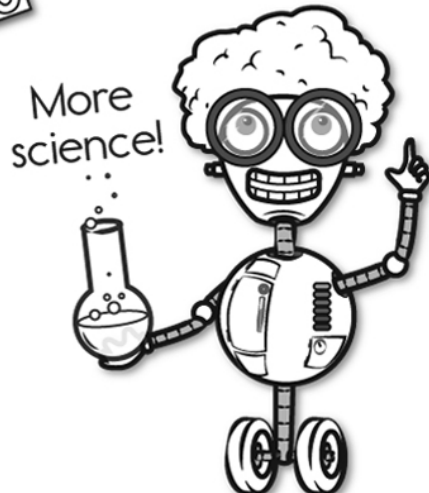
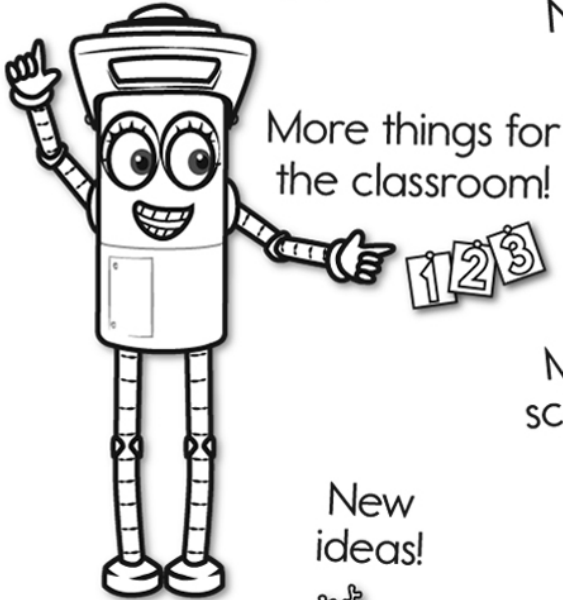
It's NO PREP at edHelper.

More history!

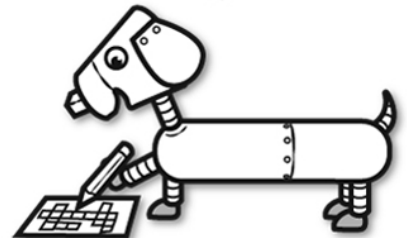


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