

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 7 in your head

double it

Write the number.

\_\_\_\_\_  
A    B

imagine 3 in your head

add 8

subtract 2

Write the number.

\_\_\_\_\_  
C

imagine 6 in your head

double it

add 2

Write the number.

\_\_\_\_\_  
D    E

imagine 8 in your head

subtract 4

add 4

double it

Write the number.

\_\_\_\_\_  
F    G

What is the sum?

$$A + B + C + D + E + F + G$$

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ n \_\_\_\_\_ y \_\_\_\_\_

2 after 13 \_\_\_\_\_

7 before 19 \_\_\_\_\_

4 before 11 \_\_\_\_\_

4 after 17 \_\_\_\_\_

5 before 13 \_\_\_\_\_

9 before 14 \_\_\_\_\_

3 after 18 \_\_\_\_\_

6 before 18 \_\_\_\_\_

8 before 17 \_\_\_\_\_

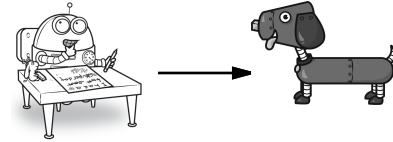
6 after 16 \_\_\_\_\_

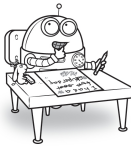
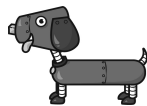
1 before 12 \_\_\_\_\_

3 before 15 \_\_\_\_\_

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

Help Robot find Rover. Color the boxes that have a sum of 7, 10, or 5 to make a path.



	$3 + 7 =$	$2 + 8 =$	$2 + 5 =$	$5 + 5 =$	$9 + 9 =$	$7 + 8 =$	$5 + 7 =$
$7 + 3 =$	$9 + 9 =$	$2 + 1 =$	$3 + 5 =$	$8 + 2 =$	$1 + 6 =$	$6 + 5 =$	$7 + 6 =$
$1 + 2 =$	$2 + 8 =$	$4 + 6 =$	$9 + 1 =$	$5 + 5 =$	$1 + 9 =$	$1 + 5 =$	$5 + 5 =$
$2 + 8 =$	$1 + 9 =$	$1 + 3 =$	$8 + 3 =$	$9 + 4 =$	$4 + 7 =$	$5 + 4 =$	$2 + 2 =$
$3 + 2 =$	$3 + 4 =$	$6 + 7 =$	$6 + 7 =$	$8 + 7 =$	$7 + 3 =$	$7 + 7 =$	$3 + 8 =$
$4 + 1 =$	$6 + 4 =$	$1 + 6 =$	$8 + 2 =$	$3 + 7 =$	$8 + 2 =$	$6 + 4 =$	$5 + 5 =$
$1 + 3 =$	$5 + 4 =$	$7 + 4 =$	$3 + 8 =$	$5 + 7 =$	$2 + 4 =$	$1 + 2 =$	

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

Mr. Grumpy made a sour face 12 times today. Yesterday he made a sour face 25 times. How many times did he make a sour face in all?

On Thursday 197 people rode the Ferris wheel. On Friday 285 people rode it. On Saturday 372 people rode it. How many people rode the Ferris wheel in these three days?

At last Max has a room of his own! He saves 3 quarters and 2 dimes each week. He wants to buy a rug for his room. So far he has saved 15 quarters and 10 dimes. How much money does he have?

Sara went to the firehouse. The fireman told her the shortest ladder was 18 feet long. He said the longest ladder was 30 feet longer than the shortest ladder. How long was the longest ladder?

<p>ten more than 429</p>	<p>It is your turn. Write X to make your move.</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px; text-align: center;">X</td> <td style="width: 20px; height: 20px; text-align: center;">O</td> </tr> <tr> <td style="width: 20px; height: 20px; text-align: center;">X</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px; text-align: center;">O</td> </tr> </table> </div>					X	O	X		O	<p>How many tally marks?</p> <p>      </p> <p>_____</p>	<table style="margin: auto;"> <tr><td style="text-align: right;">7</td></tr> <tr><td style="text-align: right;">4</td></tr> <tr><td style="text-align: right;">+ 7</td></tr> <tr><td style="text-align: right;">_____</td></tr> </table>	7	4	+ 7	_____
	X	O														
X		O														
7																
4																
+ 7																
_____																

<p>Write the missing sign.</p> <p>12 ___ 9 = 21</p>	<p>What is the largest two-digit number you can make with the numbers 2, 5, and 7?</p> <p>_____</p>	<table style="margin: auto;"> <tr><td style="text-align: right;">75</td></tr> <tr><td style="text-align: right;">- 69</td></tr> <tr><td style="text-align: right;">_____</td></tr> </table>	75	- 69	_____
75					
- 69					
_____					

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

0	+1		+17				-4	
				+1			+2	+8
+9		-3		-7			+7	-6
-4							-16	+5
	-14	0	+32		-9			19

Add 1 or 10.

78	
----	--

63

84

59	
----	--

39

98	
----	--

18

49	
----	--

26	
----	--

66

99	
----	--

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

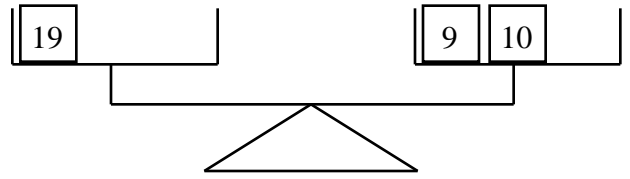
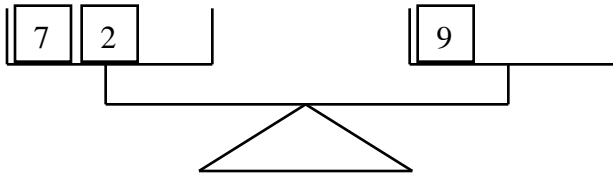
<p>Jessica has twelve cousins. Five of them live in a big city. How many of her cousins do not live in a big city?</p>	<p>Jacob walked 12 blocks to the pool. Rose walked 4 blocks to the pool. How many more blocks did Jacob walk?</p>	<p>There are 23 teddy bears on the shelf. Six are black. How many are not black?</p>
--	---	--

Write how much to add or subtract to get from the first number to the second number.

3 $\oplus$ 4 7	4 $\bigcirc$ 1	15 $\bigcirc$ 9	7 $\bigcirc$ 9	5 $\bigcirc$ 10
8 $\bigcirc$ 4	4 $\bigcirc$ 2	8 $\bigcirc$ 13	6 $\bigcirc$ 9	4 $\bigcirc$ 10
11 $\bigcirc$ 8	4 $\bigcirc$ 2	5 $\bigcirc$ 1	9 $\bigcirc$ 15	3 $\bigcirc$ 8

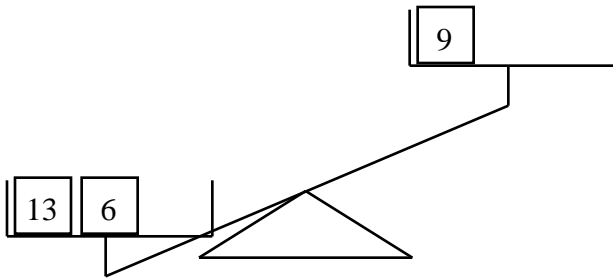
<p>Write the words for each contraction.</p> <p>can't    <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px; height: 20px;">c</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;">n</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table></p> <p>we're    <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px; height: 20px;">w</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table></p>	c			n			w					$\begin{array}{r} 96 \\ - 36 \\ \hline \end{array}$	$500 + 60 + 3$	twenty-three
c			n											
w														

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

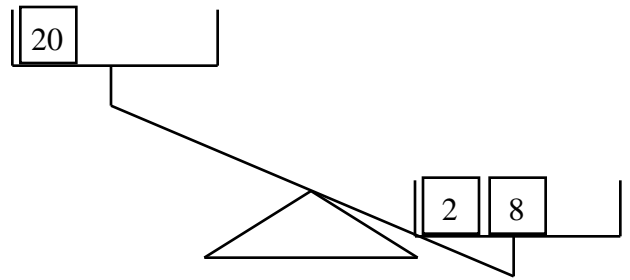


7 + 2 = 9

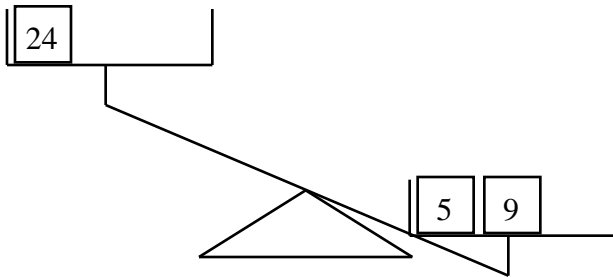
\_\_\_ = \_\_\_



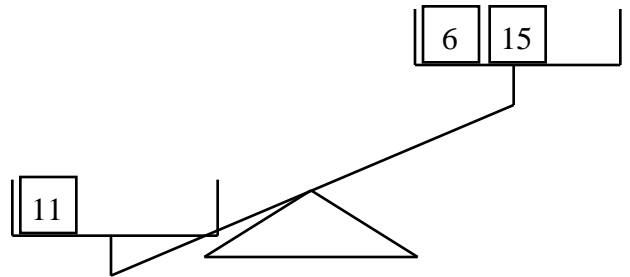
\_\_\_ > \_\_\_



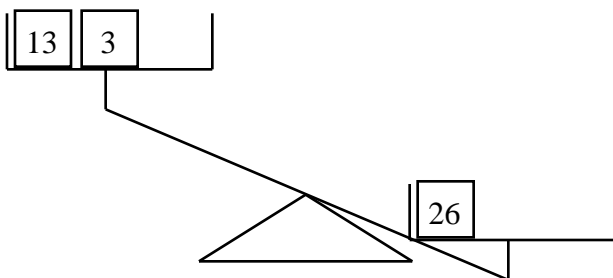
\_\_\_ > \_\_\_



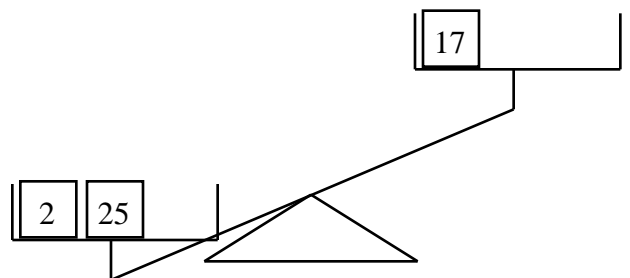
\_\_\_



\_\_\_



\_\_\_



\_\_\_

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

Cross off the letter that does NOT belong.

A, E, G, I, K, M, O, Q, S, U, W, Y

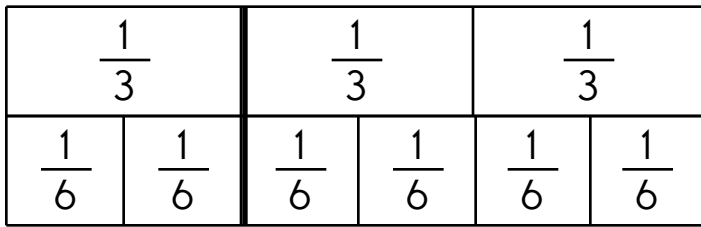
Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

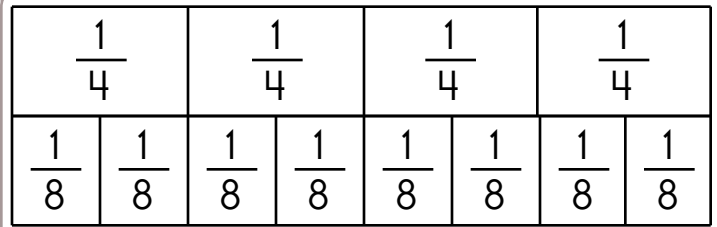
5, 5, 1, 5, 5, 5, 5, 1, 5, 5, 5, 1, 5, 5, 5,  
1, 5, 5, 5, 5, 5, 5, 5, 5, 1, 5, 5, 5, 5

Why does \_\_\_\_\_ not belong in the pattern?

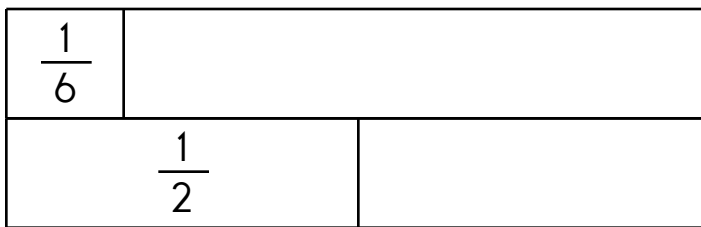
Name: \_\_\_\_\_



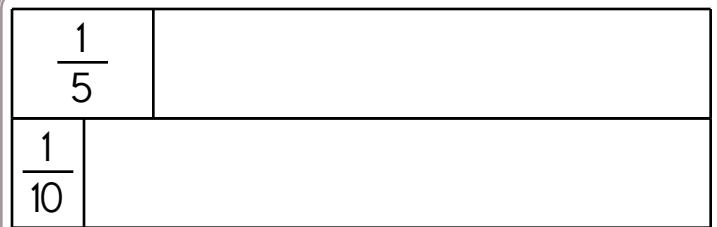
$$\frac{\boxed{\phantom{000}}}{3} = \frac{2}{6}$$



$$\frac{1}{4} = \frac{\boxed{\phantom{000}}}{8}$$



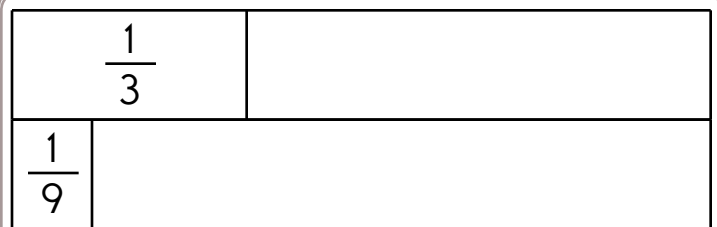
$$\frac{\boxed{\phantom{000}}}{6} = \frac{1}{2}$$



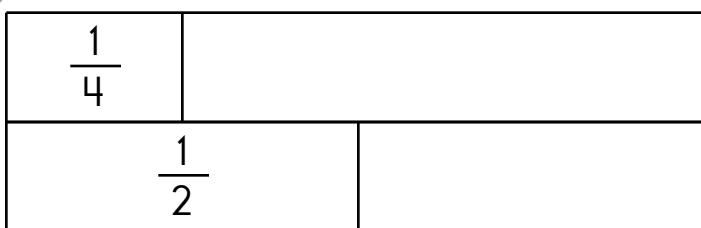
$$\frac{1}{5} = \frac{\boxed{\phantom{000}}}{10}$$



$$\frac{\boxed{\phantom{000}}}{10} = \frac{1}{2}$$



$$\frac{\boxed{\phantom{000}}}{3} = \frac{3}{9}$$



$$\frac{2}{4} = \frac{\boxed{\phantom{000}}}{2}$$



$$\frac{\boxed{\phantom{000}}}{8} = \frac{\boxed{\phantom{000}}}{2}$$

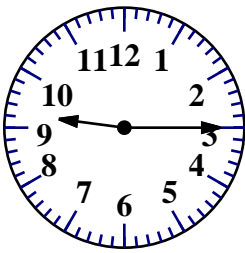


Name: \_\_\_\_\_

$\begin{array}{r} 75 \\ - 61 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 70 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ + 33 \\ \hline \end{array}$
---	---	---	---	--	---

<p>Jan found four pins on the table. Mary found seven pins on the table. How many pins did they find in all?</p>	<p>ten more than 615</p>	$\begin{array}{r} 49 \\ - 39 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ 6 \\ + 8 \\ \hline \end{array}$	<p>100 less than 394</p>
	$\begin{array}{r} 26 \\ + 11 \\ \hline \end{array}$			

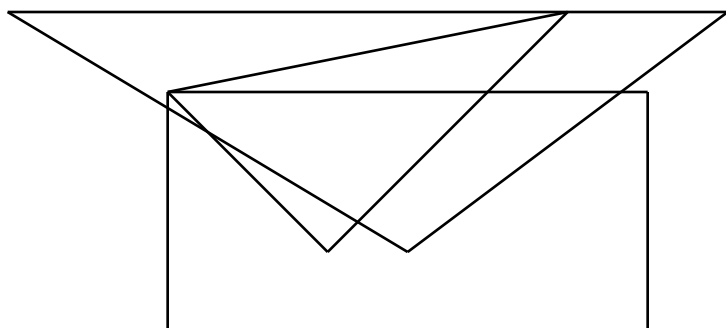
$\begin{array}{r} 21 \\ + 33 \\ \hline \end{array}$	$63 - 3 = \underline{\hspace{2cm}}$	<p>ten more than 857</p>	<p>When you take six away from me, the answer is one. What number am I?</p> <p>_____</p>
---	-------------------------------------	--------------------------	--

 <p>_____ : _____</p>	<p>Combine the words to make a compound word.</p> <p>bee + hive = _____</p> <p>type + writer = _____</p>	$\begin{array}{r} 86 \\ - 75 \\ \hline \end{array}$	<p>ten less than 738</p>
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<p>What day comes after Wednesday?</p> <p>_____</p>	$300 + 30 + 9$
---	----------------

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

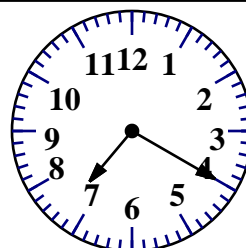
How many triangles can you find?  
Color the smallest triangle you can find red.  
Color the largest triangle you can find yellow.  
(Hint: Look for small and big triangles.)



\_\_\_\_\_ triangles

You are going to a party one week after December 14. A week is 7 days. What is the date of the party?

\_\_\_\_\_



\_\_\_\_\_ : \_\_\_\_\_

$$\begin{array}{r} 3 \\ 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 91 \\ \hline \end{array}$$

I am in the tens place.  
What number am I? \_\_\_\_\_

936

I am four numbers more than the number in the hundreds place.  
What number am I? \_\_\_\_\_

$$\begin{array}{r} 59 \\ - 12 \\ \hline \end{array}$$

Adam had 7 rubber erasers. He gave Gavin 4 erasers. How many erasers does Adam have now?

$$\begin{array}{r} 54 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 91 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 20 \\ \hline \end{array}$$

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

You and Anne have a secret code. You draw stars for hundreds, happy emojis for tens, and hearts for ones. How would you draw 502 to her?



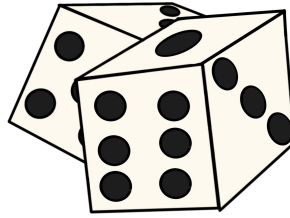
278 is 78 more than what number?

How do you spell the number you just wrote?

Draw 2 squares and 5 circles.

What if I told you that one square represents one and one circle represents ten? What number do you think your picture represents?

Sara is playing a game. She has 40 tens. Her brother has 8 hundreds. How much more does her brother have?



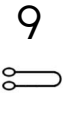
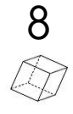
Make your own pattern. The first number should be less than a hundred. Pick and write your first number.

The second number should be 3 tens more than your first number. Write it.

The next number should be 3 tens more than that. Write it.

Now write your entire pattern.

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



Write numbers and then solve.

$$\begin{array}{r} \text{3 ribbons} + \text{2 chickens} \\ + \text{7 sombrero} + \text{7 gifts} \\ \hline \end{array}$$

Write numbers and then solve.

$$\begin{array}{r} \text{5 tacos} + \text{4 bowls} \\ + \text{6 scissors} + \text{1 gift} \\ \hline \end{array}$$

$$\begin{array}{r} \text{1 cube} + \text{1 taco} \\ + \text{1 cube} + \text{1 parrot} \\ \hline \end{array}$$

$$\begin{array}{r} \text{1 gift} + \text{1 pair of scissors} \\ + \text{1 cube} + \text{1 pencil} \\ \hline \end{array}$$

96, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, 102

Amy has 5 squishies. She has 2 red ones. The rest are yellow. How many squishies are yellow?

Write the numbers.

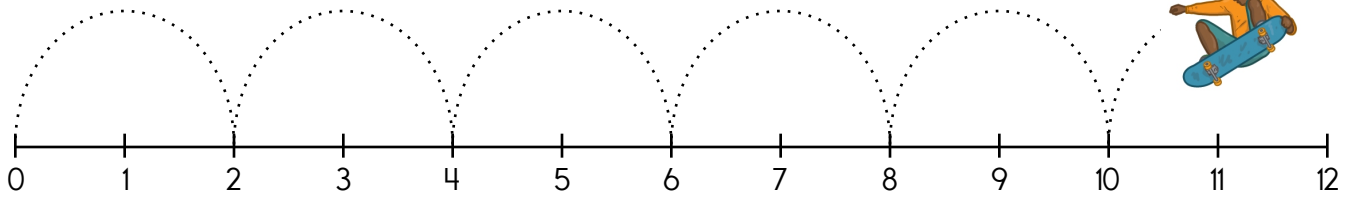
ten \_\_\_\_\_  
seventeen \_\_\_\_\_  
twenty \_\_\_\_\_

51 = \_\_\_ tens + \_\_\_ one  
73 = \_\_\_ tens + \_\_\_ ones  
82 = \_\_\_ tens + \_\_\_ ones  
40 = \_\_\_ tens + \_\_\_ ones

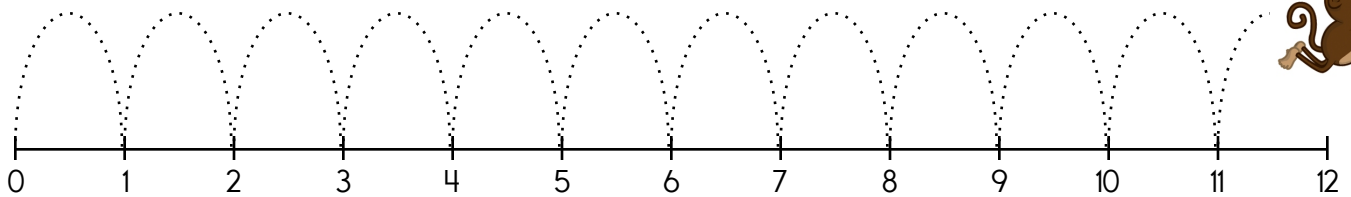
$$\begin{array}{r} 12 \\ + 10 \\ \hline \end{array}$$

15 + 3 = \_\_\_\_\_

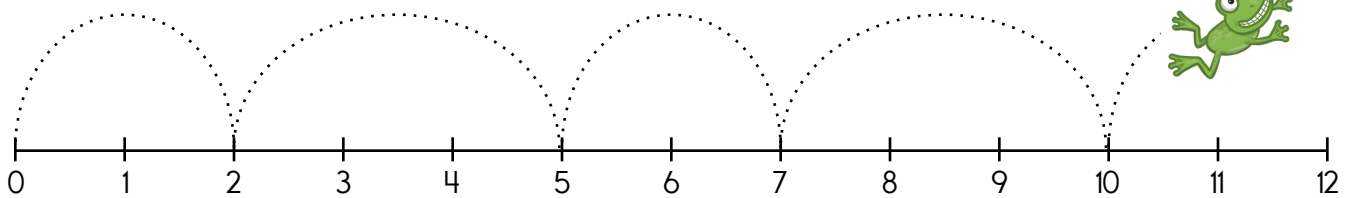
Name: \_\_\_\_\_



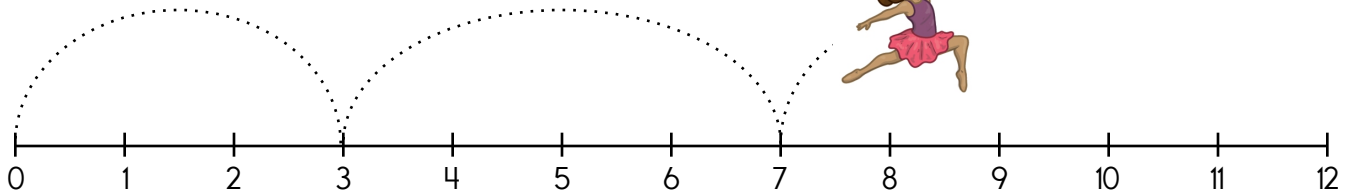
Look at the pattern. The skateboarder will next go to number \_\_\_\_\_.



Look at the pattern. The monkey will next go to number \_\_\_\_\_.



Look at the pattern. The frog will next go to number \_\_\_\_\_.



Look at the pattern. The dancer will next go to number \_\_\_\_\_.

$$83 + 2 = \underline{\hspace{2cm}}$$

Circle the even number.

- 5    18    11    17  
1    15

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

Complete the pattern.

6	12	18	24	_____
---	----	----	----	-------

16	24	32	40	_____
----	----	----	----	-------

28	35	42	49	_____
----	----	----	----	-------

9	12	15	18	_____
---	----	----	----	-------

50	60	70	80	_____
----	----	----	----	-------

20	24	28	32	36	_____
----	----	----	----	----	-------

$51 + 70 = \underline{\hspace{2cm}}$

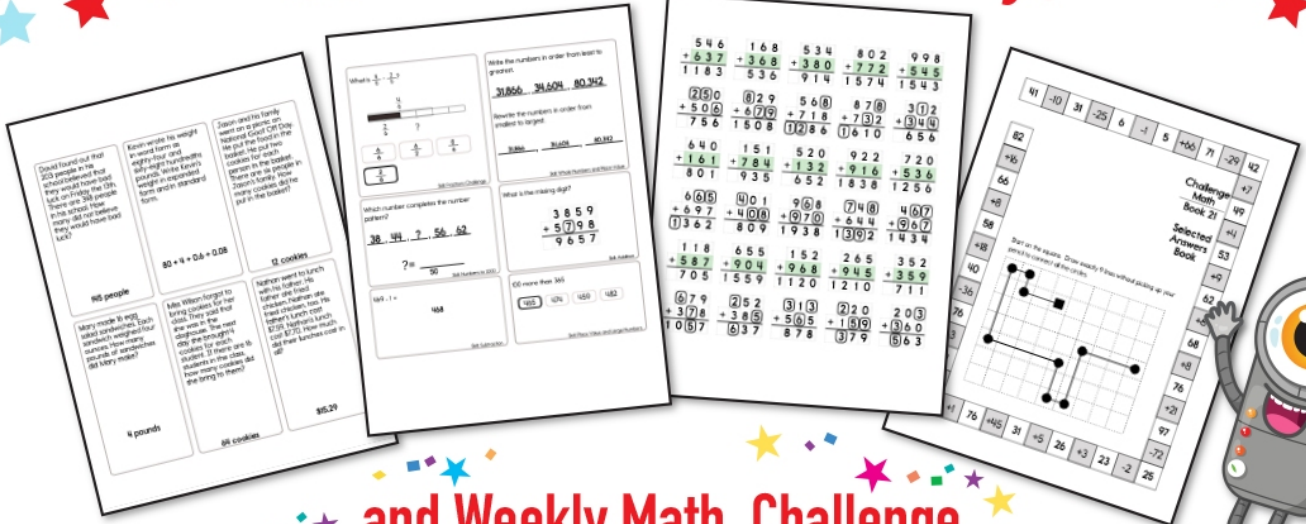
ten more  
than 772

$$\begin{array}{r} 23 \\ + 54 \\ \hline \end{array}$$

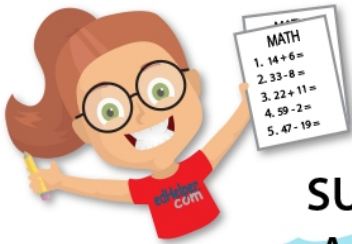
Write the missing sign.

$7 \underline{\hspace{0.5cm}} 1 = 8$

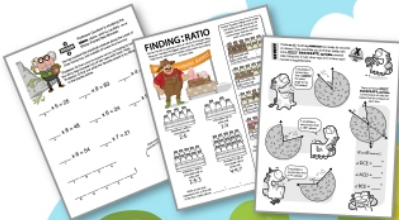
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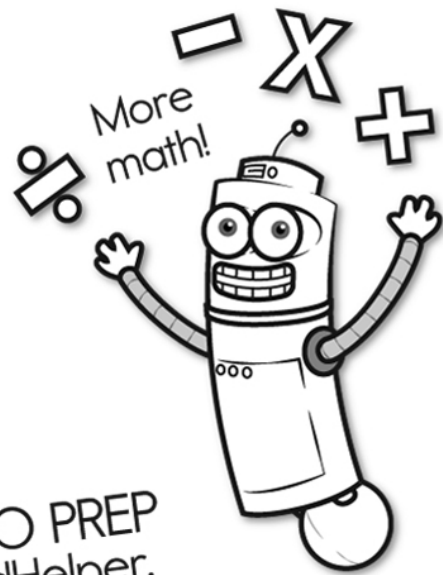
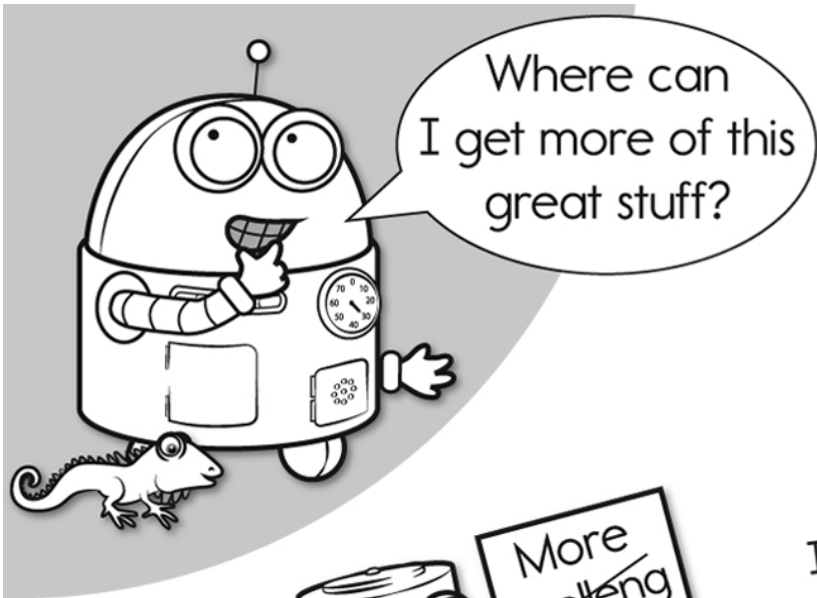
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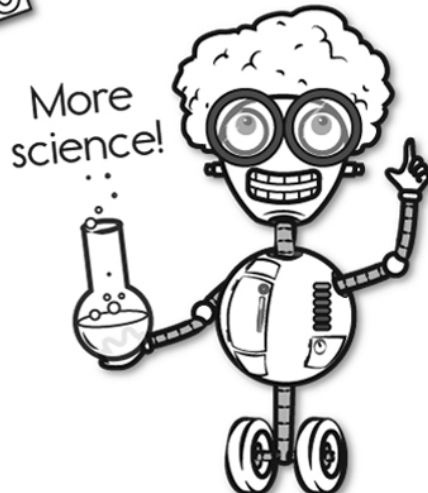
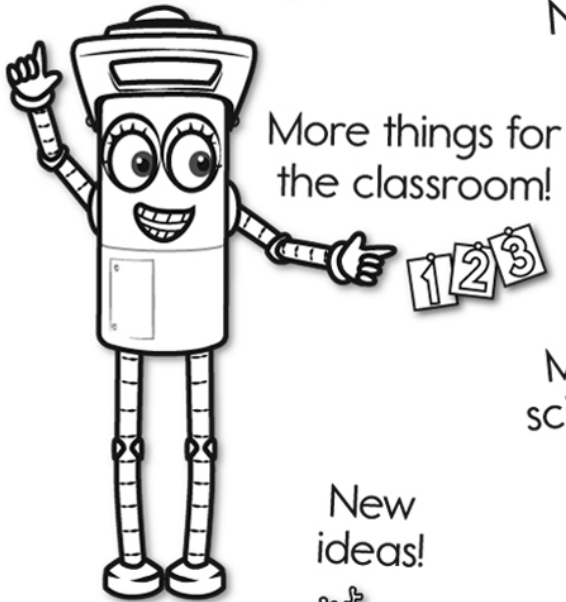
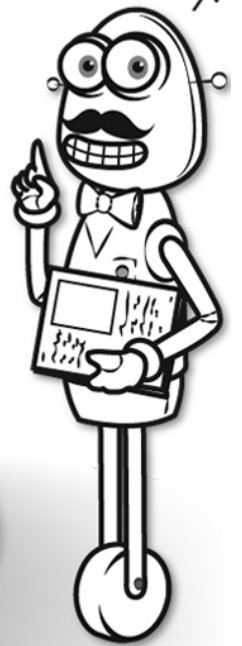
It's NO PREP at edHelper.

More history!



# edHelper.com!

New online math games!

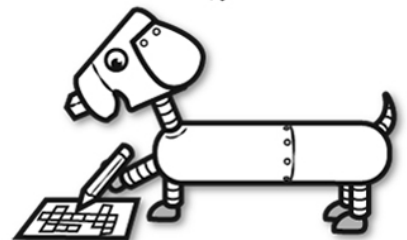


x  
+ =  
- ÷ < - >

New ideas!



More puzzles!





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