

Name: _____

Cross off the number that does NOT belong.

4, 9, 9, 4, 9, 9, 4, 9, 9, 4, 9, 9, 4

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

45, 50, 55, 60, 65, 70, 71, 75

Why does _____ not belong in the pattern?

Name: _____

$10 + 12 = 22$

$8 + 3 =$

$9 + 4 = 13$

$6 + 11 = 17$

$5 + 11 =$

$4 + 3 =$

$9 + 8 = 17$

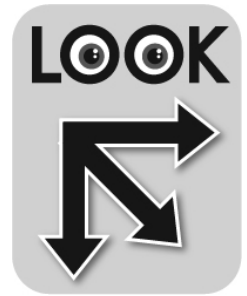
$6 + 6 =$

$2 + 5 =$

$8 + 7 = 15$

$10 + 7 =$

19 10 $9 + 4 = 13$ 11 21 6 15 12 12 1 17 10 7 1
 18 4 4 14 7 1 16 2 6 18 3 9 11 10 3 4
 13 16 19 27 8 6 7 $8 + 7 = 15$ 8 7 11 21 7 9
 5 3 22 11 8 17 4 7 8 16 12 16 3 18 5 14
 19 21 $6 + 11 = 17$ 11 4 3 12 21 5 3 16 4 7 6
 8 13 5 11 12 16 3 2 5 $9 + 8 = 17$ 5 19 10 8
 17 9 7 5 5 9 7 6 15 8 21 7 15 17 7 3
 11 3 $10 + 12 = 22$ 8 18 2 25 4 16 12 6 8 17 11
 8 21 17 16 13 8 22 5 5 5 11 16 11 4 2 7
 6 18 7 5 15 6 6 11 9 7 7 20 5 9 21 3
 16 17 12 5 7 6 6 8 8 6 22 3 11 11 5 18
 3 21 15 3 10 17 2 12 3 21 19 2 16 18 15 17
 16 12 4 7 5 19 5 17 5 5 8 13 14 4 8 27
 24 15 6 12 8 5 7 10 17 4 7 13 12 5 17 15



Write
operation.
Write = sign.
Circle.

$9 + 9 = 18$

$12 + 6 =$

$9 + 10 =$

$8 + 11 =$

$10 + 7 =$

$12 + 11 =$

$6 + 5 =$

$8 + 10 = 18$

$9 + 3 =$

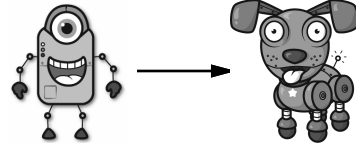
$7 + 3 = 10$

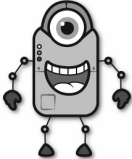

$9 + 11 =$

14 11 12 23 10 20 7 10 12 12 27 19 18 2 8 7
 23 15 18 24 7 14 2 21 $8 + 10 = 18$ 17 17 18 20 11
 11 18 19 9 17 17 8 17 10 21 19 6 25 14 6 10
 6 11 12 28 19 12 18 12 2 17 3 5 9 9 7 8
 1 25 6 11 12 9 9 23 18 2 3 11 17 9 21 10
 6 8 18 1 19 3 13 25 16 12 9 12 11 18 19 11
 13 18 5 8 21 10 9 17 22 10 11 19 11 3 20 17
 1 10 2 11 22 6 20 $7 + 3 = 10$ 20 11 19 23 21 11
 16 20 22 19 11 17 3 2 3 9 1 9 20 6 11 10
 7 11 $9 + 9 = 18$ 19 10 1 6 12 9 3 11 4 9 10
 3 10 9 7 2 22 6 24 10 12 13 3 11 18 10 22
 19 9 17 12 9 5 5 15 3 5 9 2 12 10 19 1
 3 12 18 17 10 9 11 8 14 6 5 10 18 6 7 22

Name: _____

Help Robot find Rover. Color the boxes that have a sum of 12 or 10 to make a path.



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

Name: _____

The moon's diameter (distance across) is 3,476 kilometers. Write the diameter of the moon in expanded form.

Jason wrote a story. It was about a polar bear. The bear's name was Philip. Philip liked to fish. He caught seven fish every day. How many fish would Philip the Polar Bear catch in five days?

Frank the Frog liked puzzles. It took him a long time. He had to push the pieces in place. He couldn't pick them up. His first puzzle had three pieces. It took him twelve minutes to do it. At that rate, how long would it take him to do a puzzle with 12 pieces?

Ms. Allen made a honey cake on Don't Step on a Bee Day. There are 4 people in her family. Each person gets an equal part. What fraction of the cake will each person get?

Fill in the missing letters. Write i or o.

sp____t

f____ol

squ____rt

m____ce

s____nk

d____n't

Name: _____

There were 8 green lizards in the tree. Half of the lizards ran away. How many lizards are still in the tree?

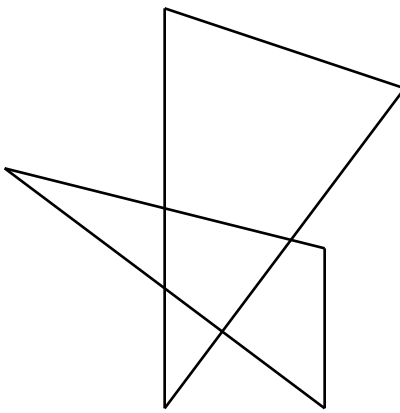
The second grade classes at Mason Elementary School had Indian pudding for lunch. The workers made 97 bowls of pudding. Each of the 81 second graders had one bowl of pudding. How many bowls were left?

Nan made 18 sandwiches. She made 9 ham sandwiches. The rest of the sandwiches are peanut butter. How many peanut butter sandwiches are there?

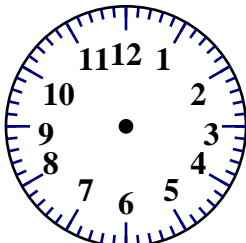
Name: _____

<p>The bird ate 10 pieces of corn. Then he ate 3 more pieces. How many pieces did the bird eat in all?</p>	<p>Connor saw 12 turkeys. Justin saw 17 turkeys. How many turkeys did they see in all?</p>	<p>There were 12 red shirts at the thrift shop. Ms. Clark bought 3 of them. How many red shirts were left?</p>
--	--	--

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



1 : 45

$$\begin{array}{r} 85 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 59 \\ \hline \end{array}$$

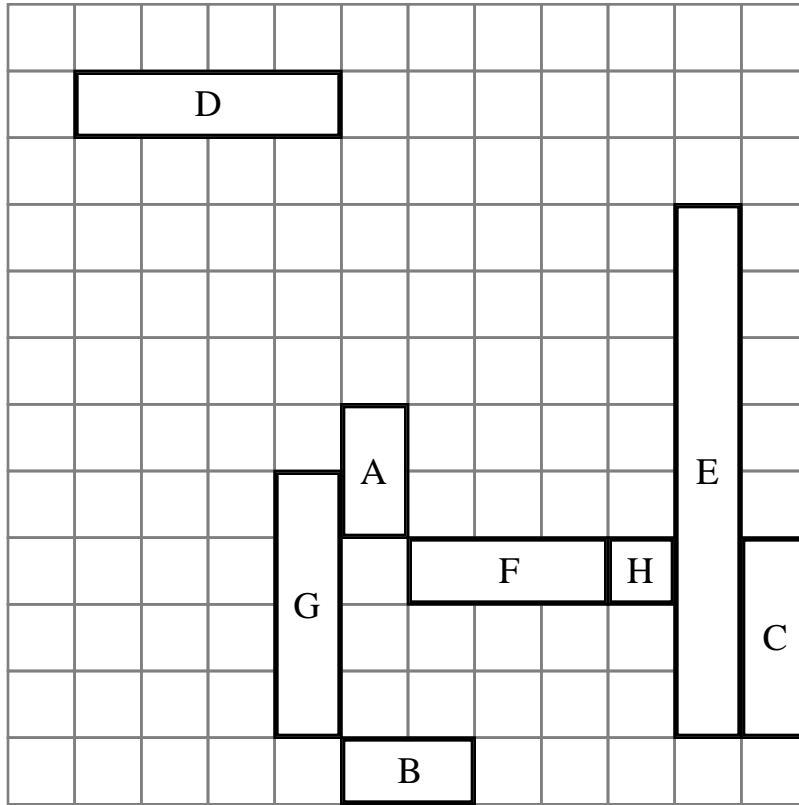
Count by fives.
_____ 25 30 _____

$$\begin{array}{r} 59 \\ - 11 \\ \hline \end{array}$$

- poan
- payn
- painn
- pain

- briet
- briht
- bright
- brig

Name: _____



Rectangle G is _____ units longer than rectangle A

Rectangle _____ is same length as rectangle F

Rectangle D is _____ units shorter than rectangle E

Rectangle E is larger than rectangle _____

Rectangle _____ is the shortest rectangle.

Rectangle _____ is 1 unit longer than rectangle H

Add _____ units to rectangle H to make it as long as rectangle G

Rectangle _____ is 2 units shorter than rectangle D

Rectangle A is _____ units long.

Rectangle F is same length as rectangle _____


Name: _____



25¢



\$10




_____ ¢




_____ ¢



\$ _____



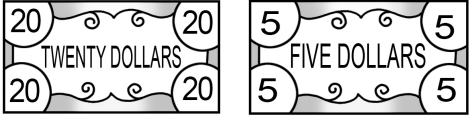
_____ ¢




\$ _____



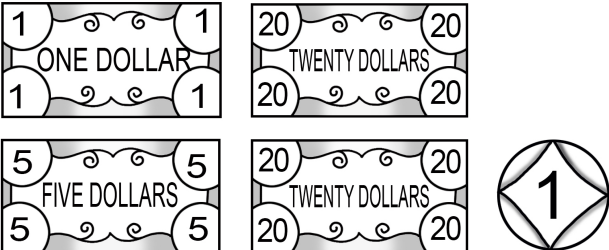





\$5.05



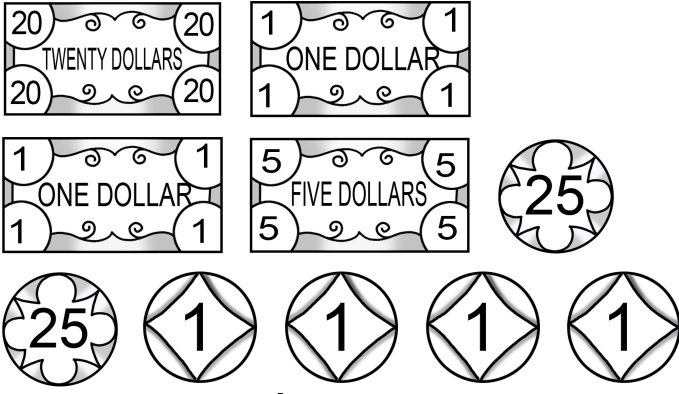
\$ _____




\$ _____

\$ _____

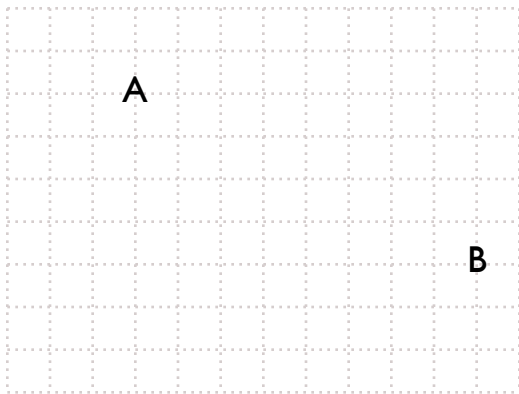


\$ _____



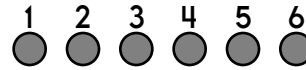
\$ _____

Name: _____



- Draw the shortest path that is possible from A to B.
- If each box is one unit long and one unit wide, then the shortest path from A to B is _____ units long.
- Draw a point C that is 17 units from B. Draw a path from B to C that is 17 units. It does not need to be the shortest path.

It is 2 units between each dot.
It is 2 units from dot 1 to dot 2.
It is 4 units from dot 3 to dot 5.



- Dot 2 is 2 units from dot 3.
Dot 3 is _____ units from dot 6.
Dot 6 is _____ units from dot 1.
Dot 4 is _____ units from dot 2.
Dot 3 is 2 units from dot _____.
Dot 1 is 10 units from dot _____.
Dot _____ is 6 units from dot 2.



- Draw the shortest path that is possible from A to B.
- If each box is one unit long and one unit wide, then the shortest path from A to B is _____ units long.
- Draw a point C that is 15 units from B. Draw a path from B to C that is 15 units. It does not need to be the shortest path.

Amy, Megan, and Sarah are friends.
Draw them! Oh, I forgot to tell you that Sarah is the tallest and Amy is the shortest.
Write their names under each of them.

Name: _____

Mental Math

— #1 —



Start with the number 9.

9



Increase that number by 7.

9 6 1 6 6 0 7 1 2 1 (Circle your answer to double check you are correct.)



Add the number of days in a week.

7 0 4 6 8 2 3 2 5 4



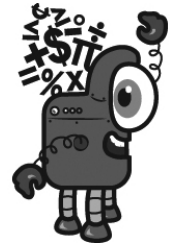
Round that number to the nearest ten.

2 0 9 2 0 0 6 6 4 4



Add 2 tens.

8 5 6 7 9 9 4 0 5 1



Mental Math

— #2 —



Start with the sum of 2 and 5.

7 4 8 0 9 3 2 4 1 2 (Circle your answer to double check you are correct.)



Increase that number by 8.

8 1 5 1 6 2 4 6 3 7



Add 4 tens.

1 1 6 1 5 5 7 9 3 3



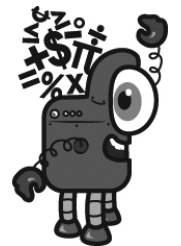
Subtract 1 ten.

3 2 8 8 9 9 1 4 5 6



Increase that number by 8.

8 0 6 8 4 8 2 5 3 6



Name: _____

Color each fraction. Compare.

$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

$\frac{3}{5}$ ○ $\frac{4}{6}$

Color each fraction. Compare.

$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$		
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$

$\frac{2}{3}$ ○ $\frac{3}{5}$

Color each fraction. Compare.

$\frac{1}{2}$	$\frac{1}{2}$		
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

$\frac{1}{2}$ ○ $\frac{2}{4}$

Color each fraction. Compare.

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$			
$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$

$\frac{2}{4}$ ○ $\frac{3}{7}$

Now draw the fraction boxes and then color each fraction to compare.

$\frac{1}{4}$	
$\frac{1}{7}$	

$\frac{1}{4}$ ○ $\frac{6}{7}$

Now draw the fraction boxes and then color each fraction to compare.

$\frac{1}{3}$	
$\frac{1}{4}$	

$\frac{1}{3}$ ○ $\frac{2}{4}$

Now draw the fraction boxes and then color each fraction to compare.

$\frac{4}{5}$ ○ $\frac{4}{6}$

Now draw the fraction boxes and then color each fraction to compare.

$\frac{1}{2}$ ○ $\frac{1}{3}$

Name: _____

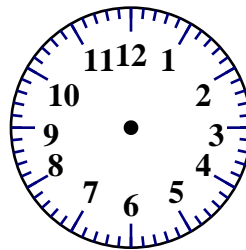
Write how much to add or subtract.

8 $\oplus 5$ 13 $\oplus 5$ 18	9 \bigcirc 6 \bigcirc 3	6 \bigcirc 16 \bigcirc 26
27 \bigcirc 18 \bigcirc 9	12 \bigcirc 8 \bigcirc 4	1 \bigcirc 9 \bigcirc 17
6 \bigcirc 4 \bigcirc 2	5 \bigcirc 11 \bigcirc 17	21 \bigcirc 14 \bigcirc 7

$$\begin{array}{r} 84 \\ - 59 \\ \hline \end{array}$$

Connor is 63 inches tall. His brother is 18 inches taller than he is. How tall is Connor's brother?

$$24 + 10 = \underline{\hspace{2cm}}$$



7 : 40

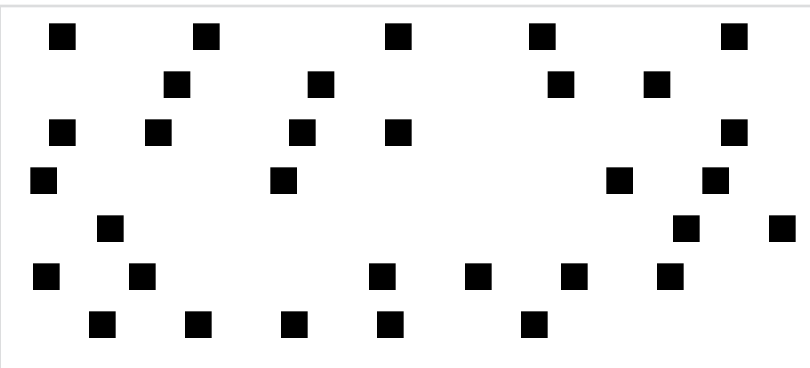
$$\begin{array}{r} 88 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 90 \\ \hline \end{array}$$

Take a guess and estimate how many squares are below. Then write the actual number.

Estimate: _____ Actual: _____

How close was your guess? _____



How many weekend days are there in two full weeks?

two hundred
forty-four

Name: _____

<input type="radio"/> flop <input type="radio"/> flopp <input type="radio"/> flup <input type="radio"/> flop	$\begin{array}{r} 19 \\ + 18 \\ \hline \end{array}$	Circle the third letter. L Y B N C P G W	$\begin{array}{r} 96 \\ 32 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ - 82 \\ \hline \end{array}$
---	---	--	---	---

Color in the boxes.
 6 or 7 = blue, 4 or 17 = red,
 10 or 9 = green, 13 or 14 = purple

What is the hidden number? _____

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

Write the missing sign.

10 ___ 2 = 8

six hundred ninety-eight

$\begin{array}{r} 15 \\ 34 \\ + 20 \\ \hline \end{array}$
$\begin{array}{r} 12 \\ + 71 \\ \hline \end{array}$

$64 - 12 = \underline{\hspace{2cm}}$	How many days are in one week? _____	$6+40+600$
--------------------------------------	---	------------

Combine the words to make a compound word. scrap + book = _____ new + comer = _____	$\begin{array}{r} 33 \\ + 45 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ 97 \\ + 91 \\ \hline \end{array}$
---	---	---

Name: _____

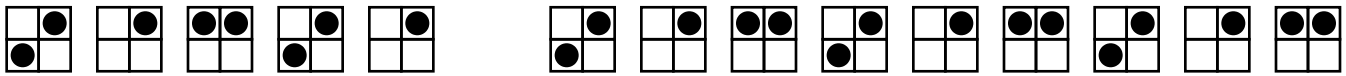
Draw the missing spots in the patterns.

Show the pattern by putting the same letter under each shape or number.

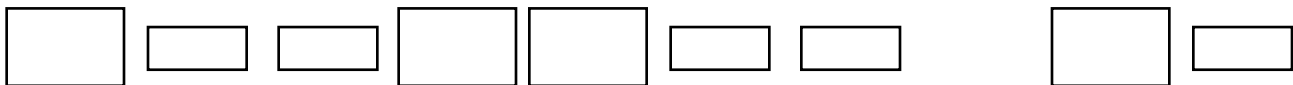


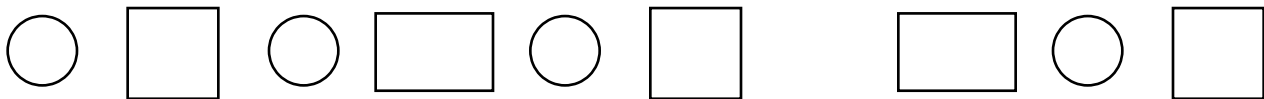
 A B C D A B C D A B C D A











Name: _____

Draw the missing spots in the patterns.

0 9 2 2 0 9 2 2 0 _ 2 2 0

6 6 1 5 6 6 1 5 6 6 _ 5 6

5 5 3 5 5 3 5 5 3 5 5 3 _

Draw your own patterns.

8 8 6 9 8 8 6 9 8 8 6 9 8

AABC pattern

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABC pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABC pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABA pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABB pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--

I drew an _____ pattern.

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 2	2	4
3	4	1
5	2	FINISH SUM: 9

2 + 2 + 4 + 1 =
9

START 1	5	4
3	1	5
2	4	FINISH SUM: 10

1 + 3 + + =
10

START 9	6	7
6	7	8
8	6	FINISH SUM: 28

9 + 6 + + =
28

START 5	1	4	2
3	3	2	1
1	1	6	FINISH SUM: 18

5 + 1 + + +
 = 18

Name: _____

$$\begin{array}{r} 5 \\ X 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ X 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ X 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ X 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ X 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ X 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ X 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ X 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ X 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ X 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ X 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ X 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ X 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ X 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ X 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ X 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ X 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ X 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ X 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ X 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ X 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ X 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ X 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ X 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ X 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ X 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 6 \\ \hline \end{array}$$

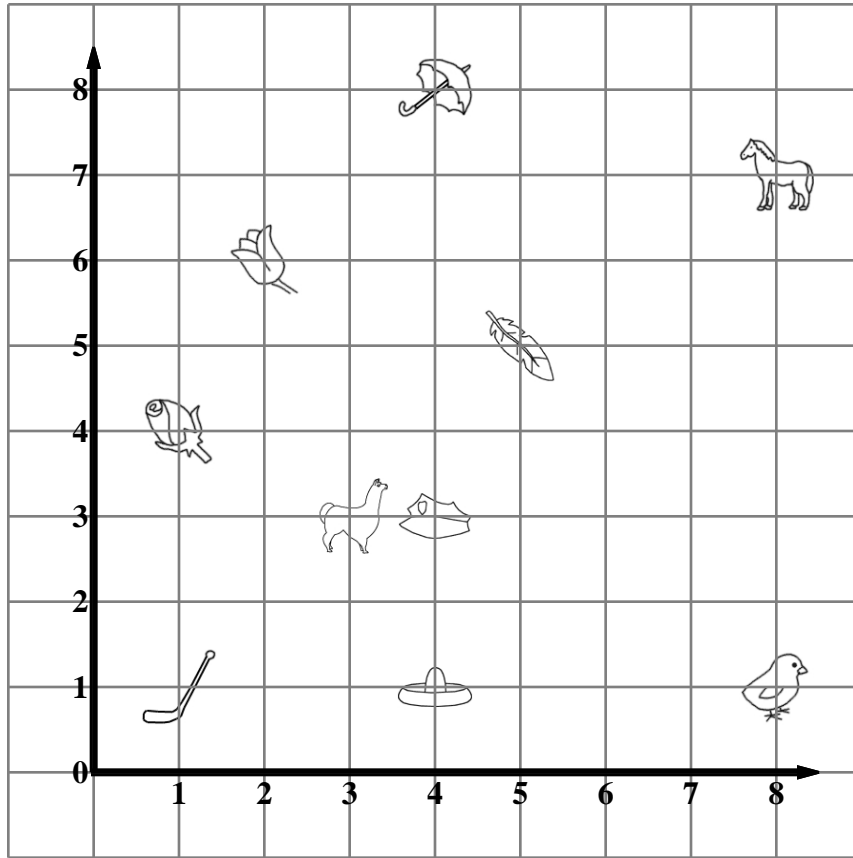
$$\begin{array}{r} 5 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ X 4 \\ \hline \end{array}$$


$$\begin{array}{r} 3 \\ X 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ X 6 \\ \hline \end{array}$$










Name: _____



Draw the picture that is at the ordered pair.

- | | | |
|--|------------------------|------------------------|
| 1. (4, 1) _____  | 2. (1, 1) _____ | 3. (4, 8) _____ |
| 4. (4, 3) _____ | 5. (8, 1) _____ | 6. (3, 3) _____ |

Write the ordered pair for the given point.

- | | | |
|--|---|---|
| 7.  (1, 4) _____ | 8.  _____ | 9.  _____ |
| 10.  _____ | 11.  _____ | 12.  _____ |
| 13.  _____ | 14.  _____ | 15.  _____ |

Name: _____

Complete the pattern.

24 30 36 42 48 54 _____

12 16 20 24 28 32 _____

7 14 21 28 35 42 _____

10 15 20 25 30 35 _____

144, 162, 180, 198, _____,
234, 252, 270, 288

$$\begin{array}{r} 29 \\ + 10 \\ \hline \end{array}$$

How many?



73 = ___ tens + ___ ones

24 = ___ tens + ___ ones

33 = ___ tens + ___ ones

40 = ___ tens + ___ ones

5 tens + 1 one = ___

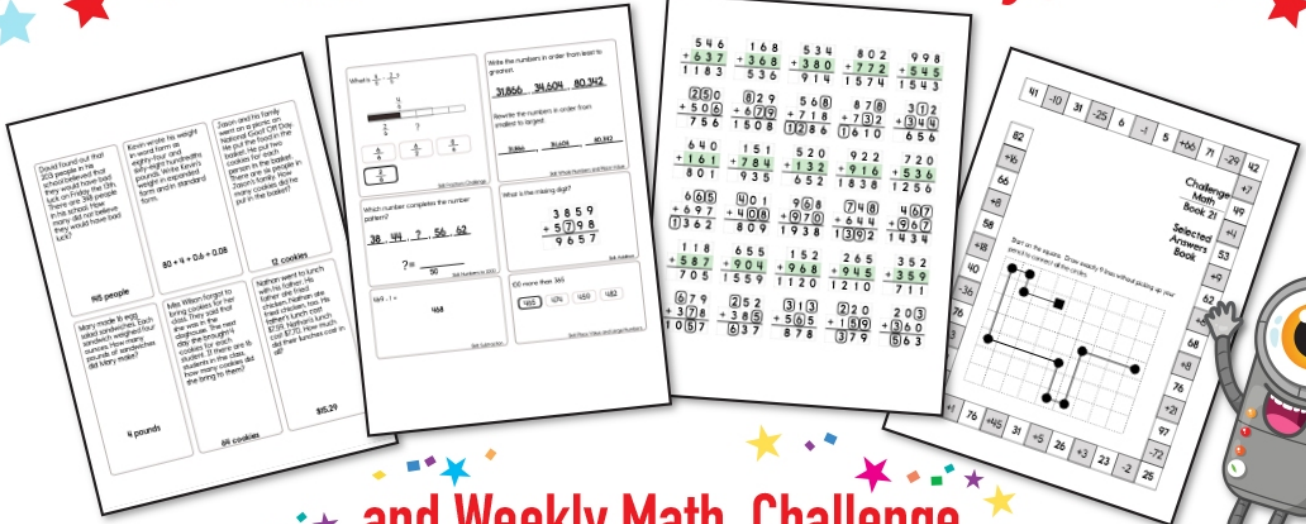
8 tens + 4 ones = ___

1 ten + 6 ones = ___

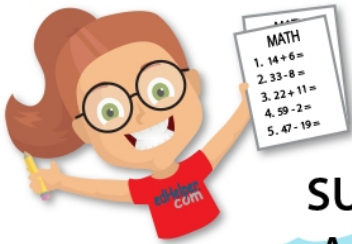
6 tens + 0 ones = ___

Emily took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.

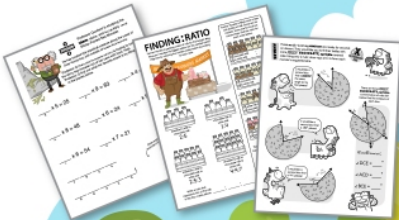
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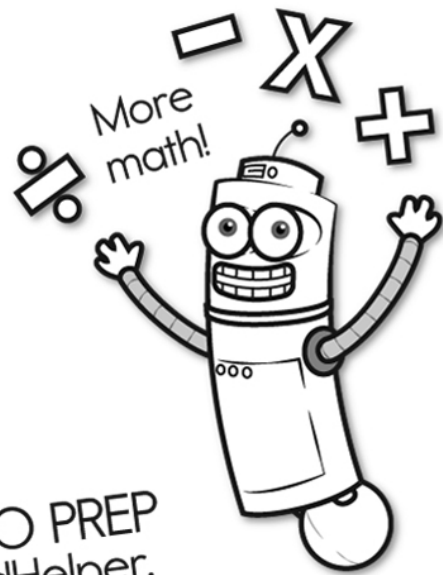
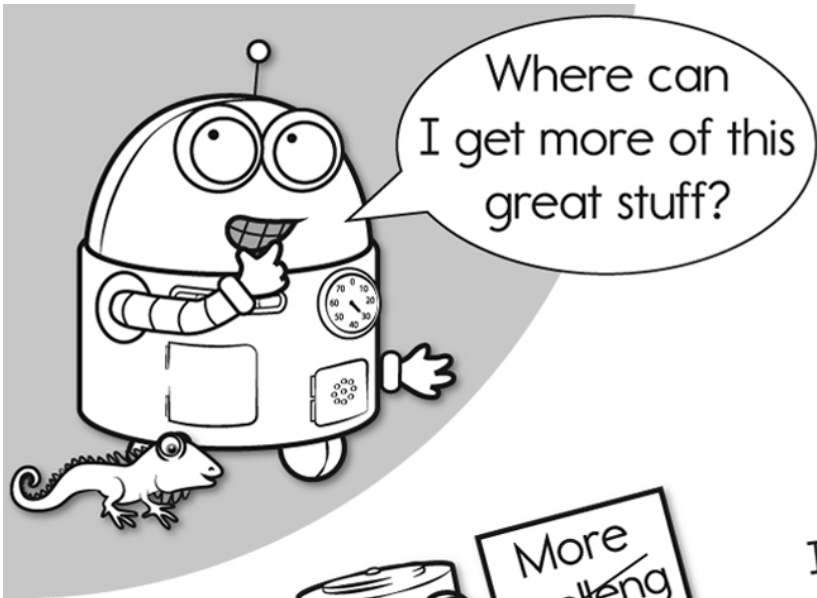
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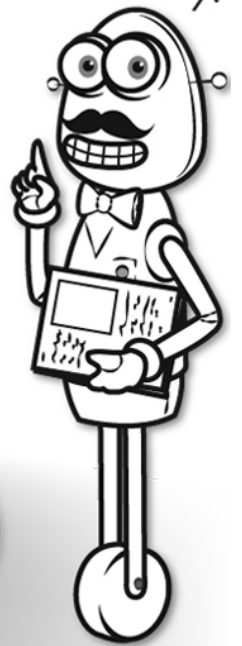
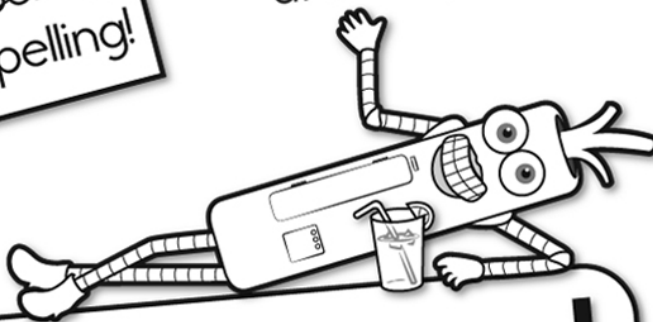


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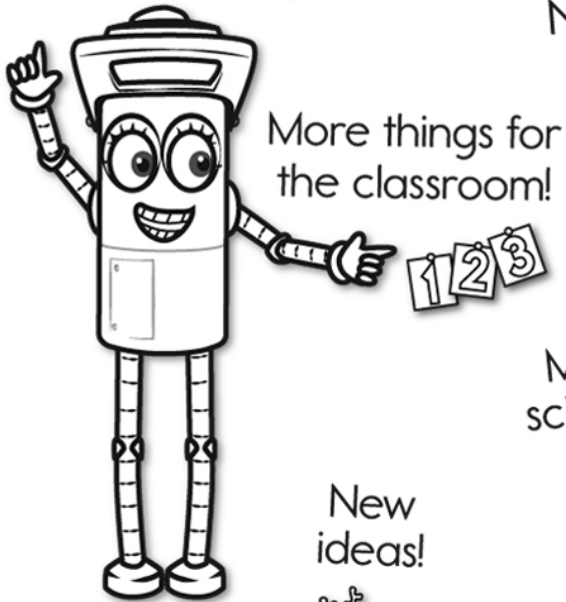


It's NO PREP at edHelper.

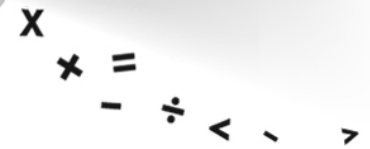
More history!



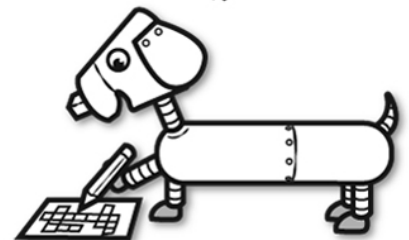
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