

70	$+\frac{3}{8}$		-19		+47		+14	
								$-\frac{2}{8}$
	-7		$+\frac{2}{3}$		$-4\frac{1}{9}$		-9	
+28								
	$+5\frac{7}{9}$		-58	$20\frac{59}{72}$	$-\frac{2}{3}$		$+\frac{1}{3}$	$68\frac{1}{8}$

[illegible]

Name: _____

Hunter had two out of six of the 18 items required to start the school year. What fraction of the number of items was he lacking?

Max calculated the mass of a toy car to be 34.7 grams. Connor calculated the mass of the same car but made an error and obtained a mass that was greater than Max's by a ratio of 5 to 2. What was Connor's calculation for the mass of the car?

Amy shows her friend Emily a deck of cards. Assuming the cards in the deck are randomly distributed, what is the probability that Amy draws an ace and does not replace it, and then draws another ace?

Seafloor rocks from a secret area above the Arctic Circle were recently analyzed by Z-Globe. The company had a contract with Spacegov.biz to test the rocks for nickel. Z-Globe found that four samples from the first location were composed of an average of 8.23% nickel. Nine samples from the second location yielded an average of 6.71% nickel. What was the overall average nickel content of the rock samples? Round your answer to the nearest hundredth. (Remember it is not the average of the two averages.)

At ski slope A, the change in elevation from the top of the run to the finish is -800 meters. At ski slope B the change is -1,500 meters. If slope A is 900 meters long and slope B is 1,300 meters long what is the elevation-drop-per-meter ratio between slope A and B?

David scored about $\frac{1}{2}$ of his team's goals during the hockey tournament that just ended. If the team scored 17 goals, how many did David score?



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

It was 6 degrees above zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?

$$30 \div 10 + 11$$

A toy car can go 3 mph. How long would it take to go 4 miles?

The area of a rectangle is 14 cm^2 . What could the length of the 4 sides be?

$$\begin{array}{l} 3\frac{4}{5}, 3\frac{3}{5}, 3\frac{2}{5}, 3\frac{1}{5}, \\ \text{————}, 2\frac{4}{5}, 2\frac{3}{5}, \\ 2\frac{2}{5}, 2\frac{1}{5}, 2, 1\frac{4}{5}, \\ 1\frac{3}{5}, 1\frac{2}{5}, 1\frac{1}{5}, 1, \frac{4}{5}, \\ \frac{3}{5} \end{array}$$

Write the missing family fact.

$$7 \times 19 = 133$$

$$19 \times 7 = 133$$

$$133 \div 19 = 7$$

How many centimeters in 850.3 meters?

Round 16,605 to the nearest thousand.

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

$$42 + n = 60$$

$$4\frac{3}{6} + 6\frac{4}{6}$$

How much money is 1 quarter, 1 dime, 1 nickel, and 6 pennies?

Name: _____

<p>According to the polar bear census taken in the Alaskan Native Wildlife Refuge, there were 35 polar bears born last month. Of that number, 15 were female and the rest were male. What is the ratio of females to males? (Express your answer as a fraction in lowest terms.)</p>	<p>Megan wanted to clean out her fish tank. Her fish tank was 2.5 feet long, 1.6 feet deep and 1.2 feet wide. Eighty-five percent of the volume of the tank was filled with water. What was the volume of the part of the tank that was not filled with water? Round your answer to the nearest hundredth.</p>	<p>Max bought a new car. He found out that insurance on the car would cost him \$280.52 for a year. If he wants to add collision insurance, it will cost an extra \$9.81 per month. What will the yearly cost for Max's car be, if he adds collision insurance?</p>
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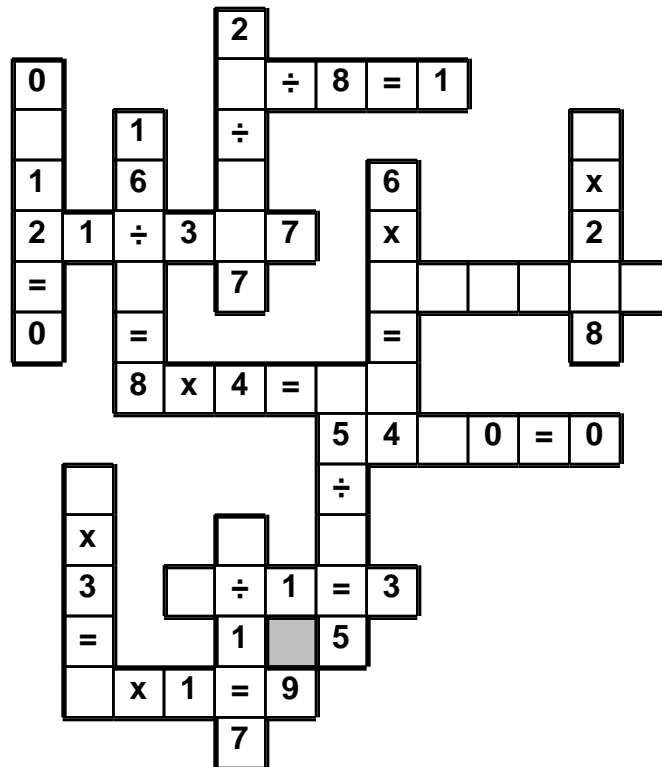
$9 \times 10 = \underline{\hspace{2cm}}$	$18 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$	<p>The boys in your class each were given a ticket with a number on it. The numbers given out were: 23, 25, 11, 31, 4, 19, 21, and 34. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?</p>
$8 \div 4 = \underline{\hspace{2cm}}$	$\begin{array}{r} 245 \\ + 304 \\ \hline \end{array}$	

$63 \div 9 = \underline{\hspace{2cm}}$	<p>Amy rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being eight?</p>	$\begin{array}{r} 65 \\ - 54 \\ \hline \end{array}$	$\begin{array}{r} 313 \\ - 286 \\ \hline \end{array}$
--	--	---	---

Name: _____

8 • ÷ • 4 • 4 • = • 2 • 4 • 9 • ÷ • 7 • = • 7 • 3 • 2 • x • 3
7 • 7 • 3 • 9

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



$$\begin{array}{r} 37 \\ + 33 \\ \hline \end{array}$$

Rosa told Anna that she multiplied two consecutive whole numbers and the answer is 137. Anna doesn't believe that is possible. She thinks Anna must have multiplied wrong. Who is correct?

$$12 \times 9 =$$

$$8 \times 3 =$$

Circle the smallest number:

316,547

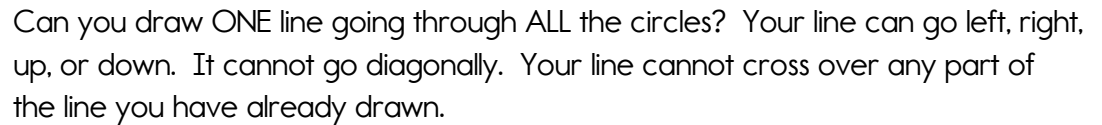
913,085,467,258

92,047

12,039,689,365

1 km = 1,000 m

28 km = _____ m

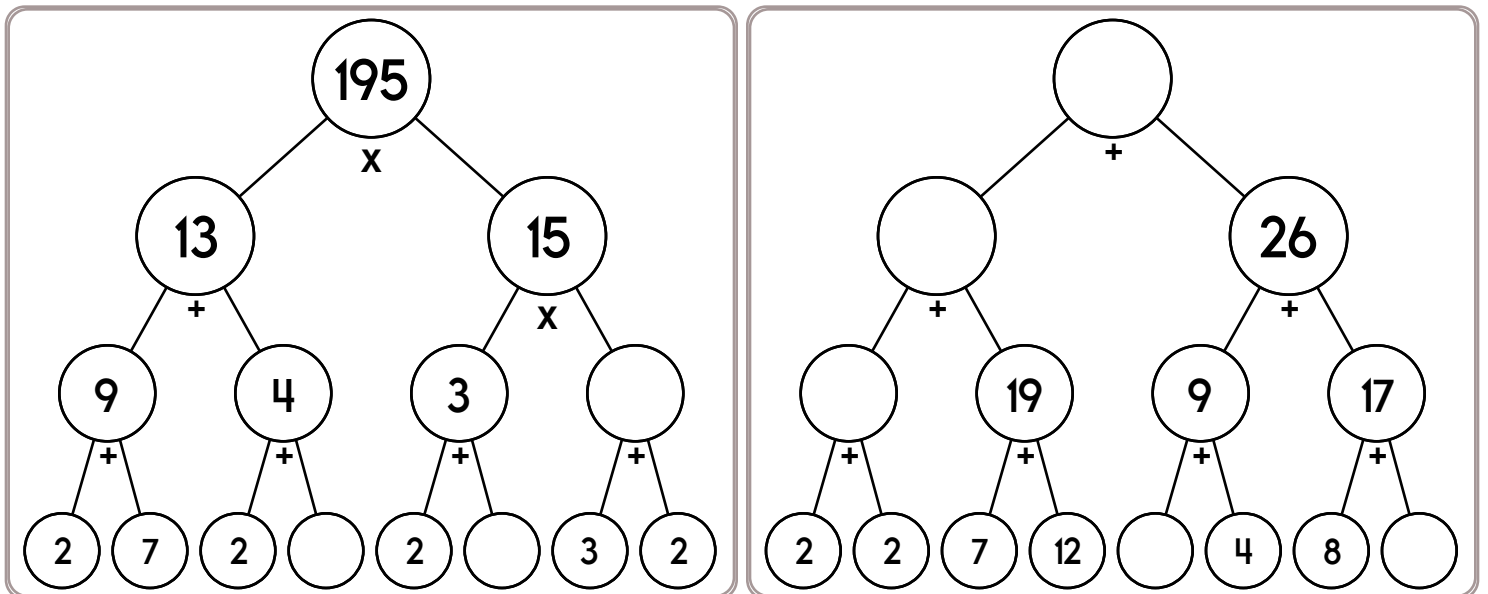
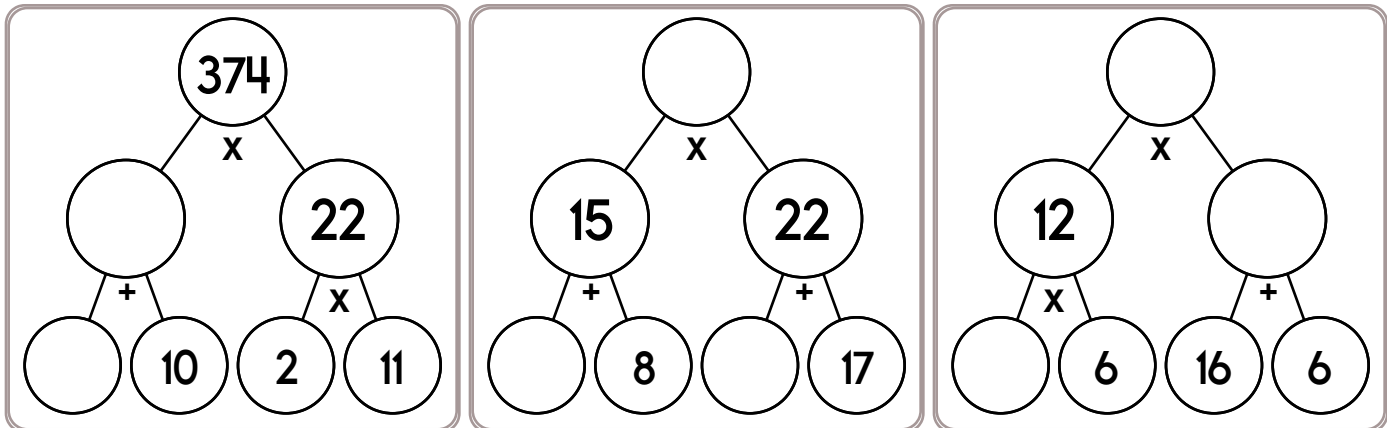
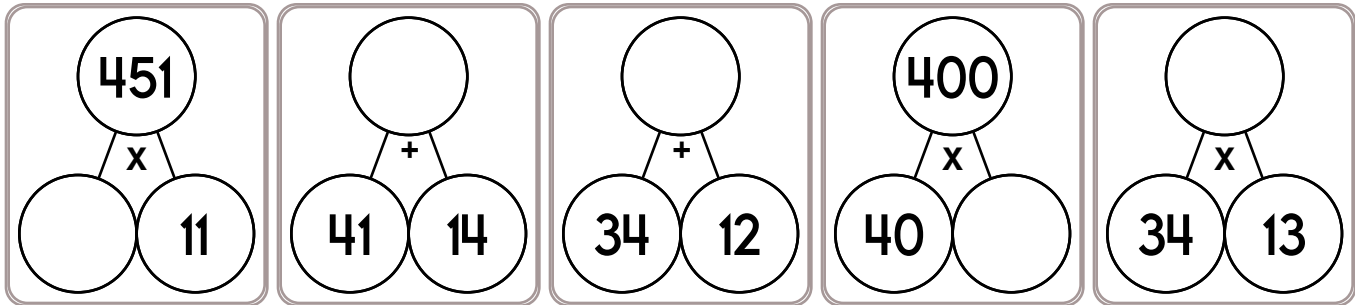


The puzzle on the left shows a correct line going through all the circles.

A 5x5 grid with a path of green squares and a path of red squares. The green path starts at (1,4), goes down to (5,4), then left to (5,3), then up to (5,2), then right to (5,1), then left to (4,1), then down to (4,2), then right to (4,3), then down to (4,4), then right to (4,5), then down to (3,5), then left to (3,4), then down to (3,3), then left to (3,2), then down to (3,1), then left to (2,1), then down to (2,2), then left to (2,3), then down to (2,4), then left to (1,4). The red path starts at (1,1), goes right to (2,1), then down to (2,2), then right to (2,3), then down to (2,4), then right to (2,5), then down to (1,5), then left to (1,4).

dissect, dissection, distortion

Name: _____



Simplify.

$$\frac{12}{36} =$$

$$|-9| - s = 3$$

$$s =$$

$$p - \$66 = \$29$$

What is the value of p?

Name: _____

Draw a line from START to END.

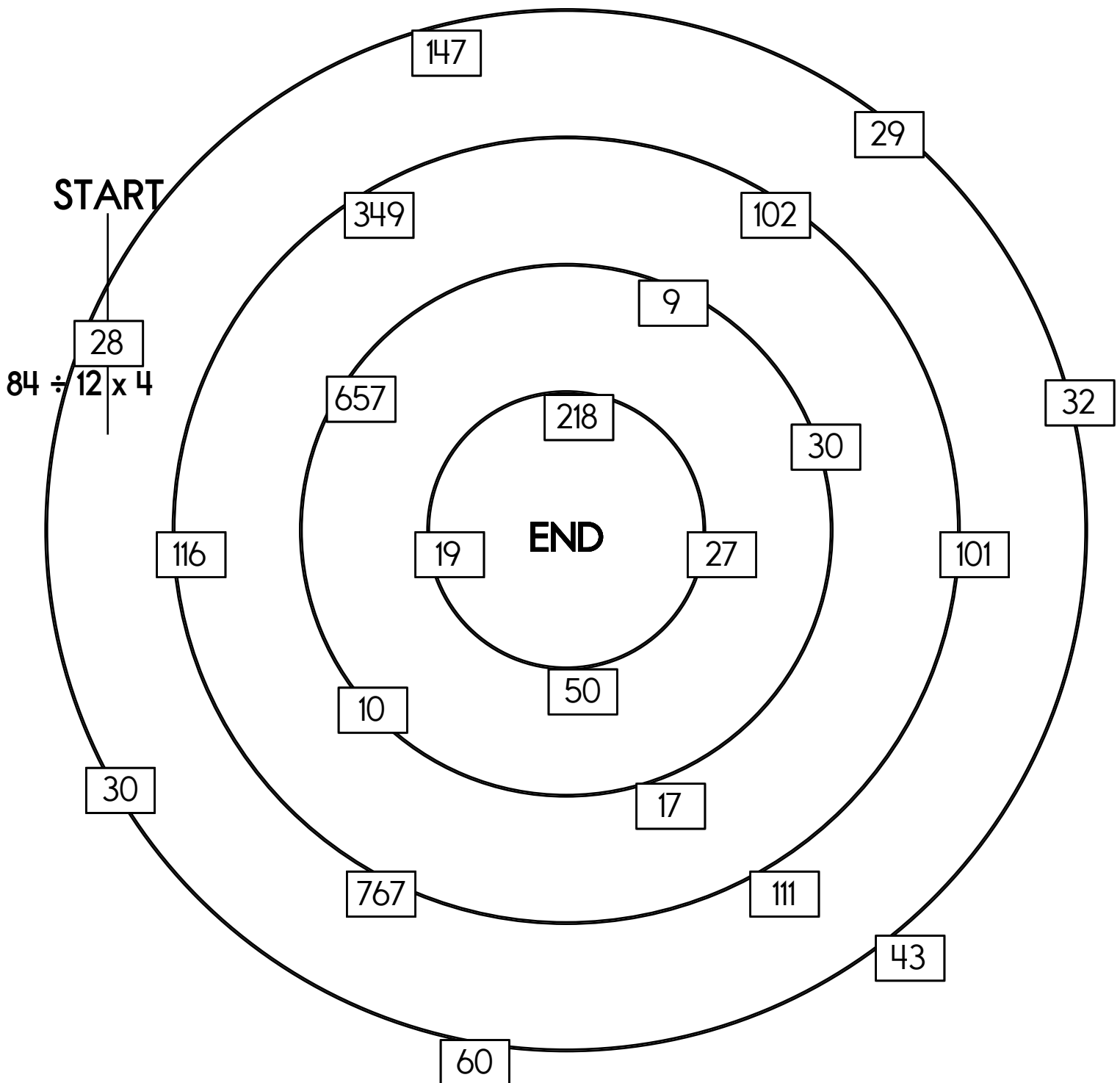
$$(12 + 9) - 3 + 1$$

~~$$84 \div 12 \times 4$$~~

$$12 \times 7 + 5 + 12$$

$$2 + 70 \div 10$$

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



Name: _____

Find 2 equations hidden in each box. Good luck!

7

$6 - 5$

$3 - 1$

0

$4 - 1$

9

$5 - 5$

2

Write 2 equations: _____

6×1

8×6

5×6

16

7×9

9×8

7

12

25

8

40

15

1×8

7×7

63

5

81

Write 2 equations: _____

10

$7 + 7$

$8 + 2$

$6 + 5$

17

$9 + 9$

14

$5 + 1$

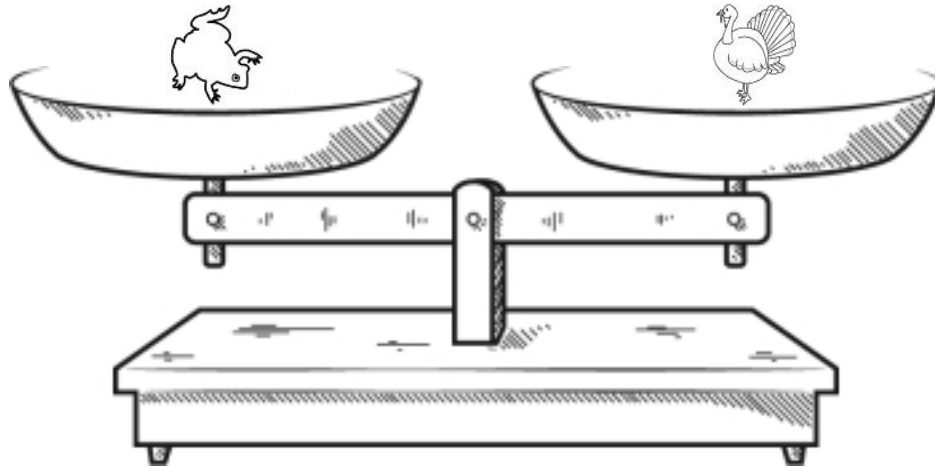
15

$3 + 6$

3

Write 2 equations: _____

Name: _____



☐ True

☐ False



☐ True

☐ False



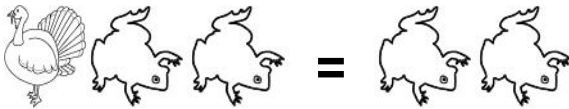
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

Write as a percent.

$$\frac{2}{12}$$

$$\frac{21}{49} = \frac{?}{7}$$

44 is what % of 100?

Name: _____

Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
		2	3	3	3	8	8	10	10	10	10	10	6	5	3	3
P	7															
Q	8															
R	9															
S	15															
T	15															
U	14															
V	9															
W	7															
X	5															
Y	5															

- CLUE A: Color in 2 consecutive boxes.
 CLUE B: Color in 3 consecutive boxes.
 CLUE C: Color in 3 consecutive boxes.
 CLUE D: Color in 3 consecutive boxes.
 CLUE E: Color in 8 consecutive boxes.
 CLUE F: Color in 8 consecutive boxes.
 CLUE G: Color in all the boxes in this column.
 CLUE H: Color in all the boxes in this column.
 CLUE I: Color in all the boxes in this column.
 CLUE J: Color in all the boxes in this column.
 CLUE K: Color in all the boxes in this column.
 CLUE L: Color in 6 consecutive boxes.
 CLUE M: Color in 5 consecutive boxes.
 CLUE N: Color in 3 consecutive boxes.
 CLUE O: Color in 3 consecutive boxes.

- CLUE P: Color in 7 consecutive boxes.
 CLUE Q: Color in 8 consecutive boxes.
 CLUE R: Color in 9 consecutive boxes.
 CLUE S: Color in 15 consecutive boxes.
 CLUE T: Color in 15 consecutive boxes.
 CLUE U: Color in 14 consecutive boxes.
 CLUE V: Color in 9 consecutive boxes.
 CLUE W: Color in 7 consecutive boxes.
 CLUE X: Color in 5 consecutive boxes.
 CLUE Y: Color in 5 consecutive boxes.

Don't forget to double check when you are done!

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.

3	7+ 2			9+
12+	5			4
4		5	8+	
21+				
5+				1

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

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

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

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

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

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

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 4 + \underline{\quad} = 21$$



It's NO PREP at edHelper.

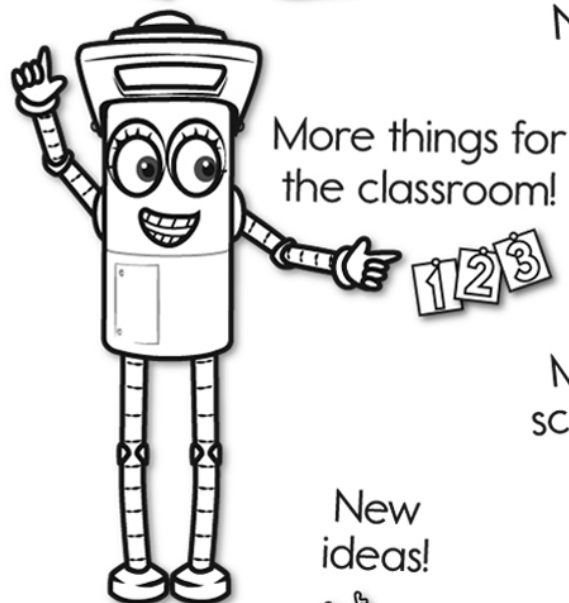
More history!



edHelper.com!



New online math games!



New ideas!



\times $=$ $-$ \div $<$ $-$ $>$

More puzzles!



