Name: _____

41	$-5\frac{1}{11}$		-8		-11	
						$-\frac{1}{2}$
$+\frac{3}{11}$		-38	$63\frac{10}{11}$	$-\frac{1}{2}$		+48
$+3\frac{1}{2}$		$+\frac{4}{11}$		+46		+27

		+19	$122\frac{1}{22}$

How many yards are in 24 feet?

_____ yards

(3 + 8) + 3 =

Write the missing family fact.

11 x 15 = 165
165 ÷ 11 = 15
15 x 11 = 165

_____

1 cm = 10 mm

22 cm = _____ mm

$$\begin{array}{r} 98 \\ -\ 87 \\ \hline \end{array}$$

For 9,878,027,458,967,599, write the digit that is in the hundred thousands place.

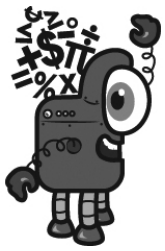
_____

Jack invented a robotic bug. The bug can crawl five centimeters in sixteen seconds. How long would it take the bug to crawl forty-five centimeters?

7 kg = _____ g

Name: _____

Mental Math — #1 —



- Start with the number 868. **868**
- Add one-fourth of a dozen. _____
  5 6 1 8 7 1 7 2 3 7 (Circle your answer to double check you are correct.)
- Add half of 34. _____
  2 8 8 9 6 8 8 8 5 5
- Round to the nearest hundred. _____
  6 1 9 0 0 5 5 7 1 3
- Add the number of dimes in a dollar. _____
  9 9 1 0 2 2 8 1 5 9
- Add the number of ounces in 2 pounds. _____
  9 4 2 8 9 8 4 2 2 1
- Add half of 50. _____
  3 9 5 4 8 7 9 6 7 0
- Add the number of inches in 3 feet. _____
  1 1 9 1 0 0 3 3 3 2
- Add half of 56. _____
  1 0 3 1 5 6 6 6 8 8
- Subtract 14. _____
  8 1 0 1 7 6 2 8 4 4
- Add half of 42. _____
  8 3 1 0 3 8 5 9 4 8

Name: _____

Rose has 45 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

At the science fair, Mary and Adam put together their own remote control vehicles. Mrs. Jackson is walking around in the back of the school to check them out.

"My model truck can go 13.9 mph, and its battery can last 32 minutes," says Mary.

"Well, my car can go 14.4 mph," interrupts Adam. "And it can last 26 minutes."

Mrs. Jackson decides to put them both on a track to test. She runs them both for 37 minutes without any additional charges. Which car will go farther? By how many miles?

Name: _____

3 2 3 - 2 2 0	Circle the greatest number: 854,702,931 41,892 28,703,164,923 536,075	2 2 + 4 9	7 x 11 =

Circle the addition property for 44 + 46 = 46 + 44. commutative property associative property	Can 751 be evenly divided by 5? Circle: 751 is evenly divisible by 5 751 is NOT evenly divisible by 5
10 x 3 =	

4 6 7 + 2 5 0	Which is the smallest? 54.9 ÷ 5.7 54.9 ÷ 5.5 54.9 ÷ 5.6

Eight kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $72. How much is one kids ticket? How much is one adult ticket?	Rosa multiplied two one-digit numbers and then added 176. The result was 215. Anne does not believe her and thinks Rosa made a mistake. Who is correct?

word root **vert** can mean **turn** **extrovert, revert**

Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

2	6

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

Write this as a number in standard form. Use a comma in your number.

nine hundred five thousand two hundred ninety-seven

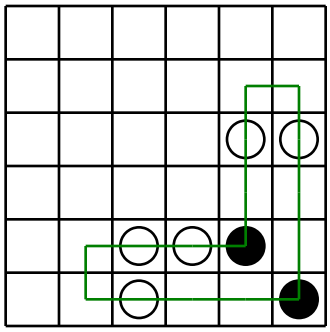
_____

Circle the adverbs.

typed	sat	far
climb	freely	Samuel
fully	fastest	

word root **ab** can mean **away or from** **abbreviate, abduct, abduction**

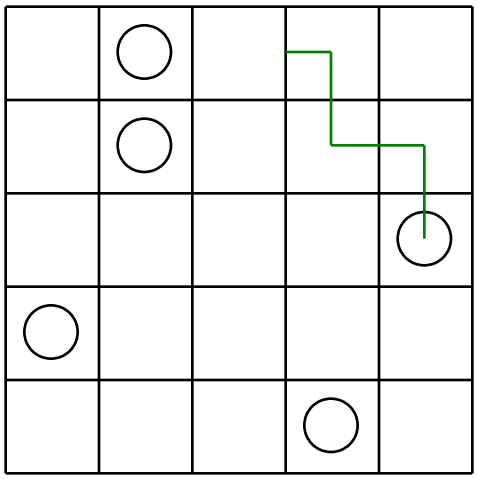
Name: _____



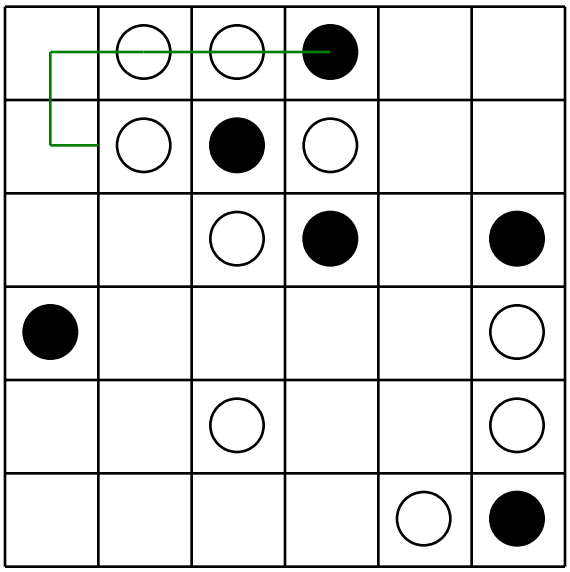
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



Write 2,013 in words.

_____

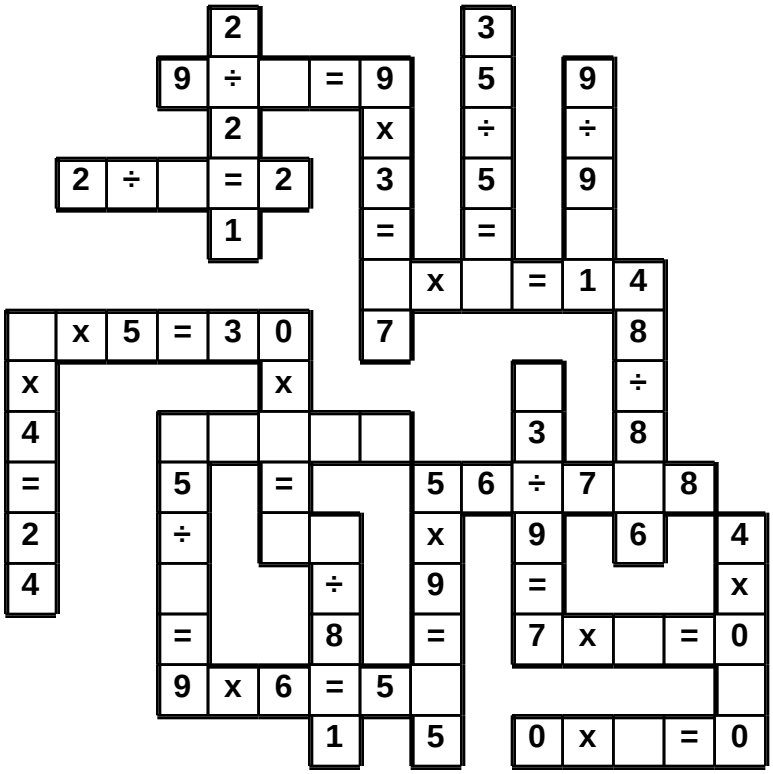
Can 660 be evenly divided by 6? Circle:
660 is evenly divisible by 6
660 is NOT evenly divisible by 6

List six of the smallest whole numbers that are greater than 131, are multiples of 2, and are not multiples of 9.

Name: _____

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

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



Circle the smallest number:

14,236,857,092 24,986,753

1,743,586,901 2,685

21 ÷ 3 =

11 x 4 =

20 ÷ 4 =

Write a letter that has two or more lines of symmetry.

_____

Write an equation to represent this:

The product of eight and nine is seventy-two.

_____

In the number 6,996,484,024, the digit 2 is in what place?

_____

Circle the word that best completes the sentence.

I hope to see you (their/there).

Name: _____

John, Sarah, Benjamin, and Ashley have one of the following jobs: teacher, banker, cook, and chemist. Their salaries are $26,300, $28,500, $34,300, and $30,000. Figure out the salary and job for each person.

1. The teacher earns more than the chemist.
2. The chemist earns more than the banker.
3. The chemist earns $30,000.
4. The cook earns more than the banker.
5. Sarah is not a banker or a chemist.
6. The chemist earns more than the cook.
7. The banker earns $26,300.
8. The teacher does not earn $26,300.
9. Sarah is not a cook or a banker.
10. Benjamin is not a teacher or a chemist.
11. Ashley is not a chemist or a cook.
12. The teacher earns more than the cook.
13. John is not a banker or a cook.
14. The cook does not earn $34,300.

Ashley is the _____ and has a salary of _____.

Benjamin is the _____ and has a salary of _____.

John is the _____ and has a salary of _____.

Sarah is the _____ and has a salary of _____.

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

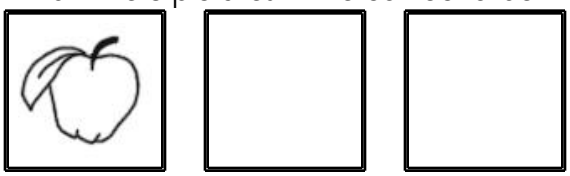
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

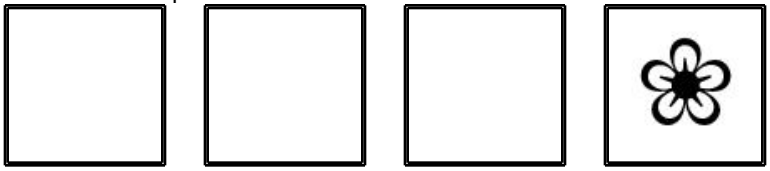
Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw 2 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

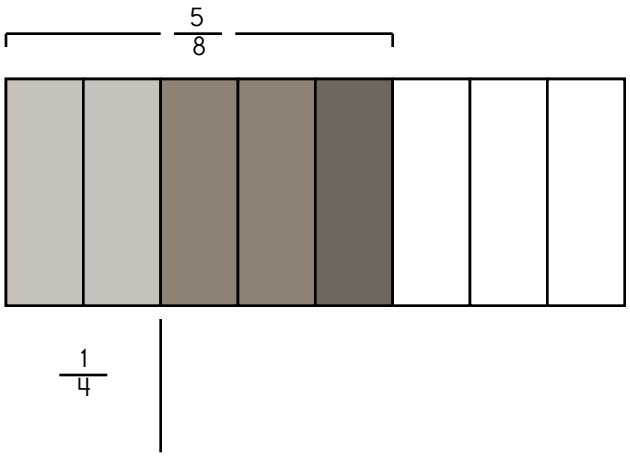
Divide and write the remainder.

$5\overline{)707}$	$3\overline{)365}$	$4\overline{)925}$
$7\overline{)964}$	$9\overline{)947}$	$8\overline{)927}$
$6\overline{)973}$	$7\overline{)837}$	$5\overline{)721}$
$8\overline{)918}$	$3\overline{)839}$	$4\overline{)553}$

35 - m = 23	y + 7 = 13	What is the greatest common factor of 18 and 24?

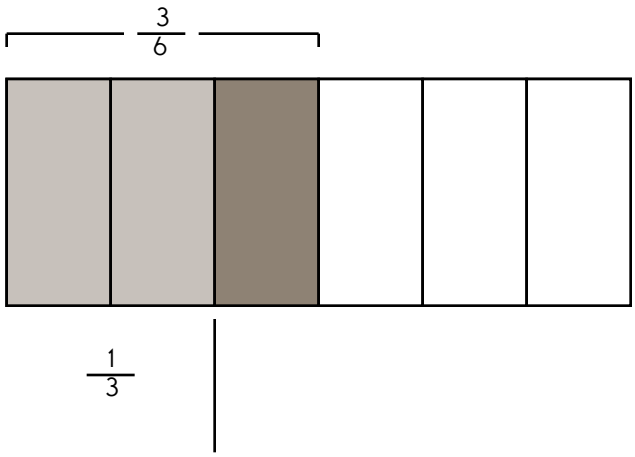
Name: _____

How many fourths are in five-eighths?



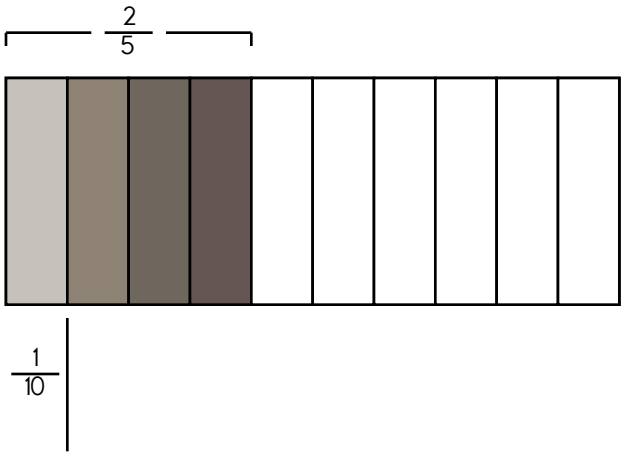
$\frac{5}{8} \div \frac{1}{4} =$

How many thirds are in three-sixths?



$\frac{3}{6} \div \frac{1}{3} =$

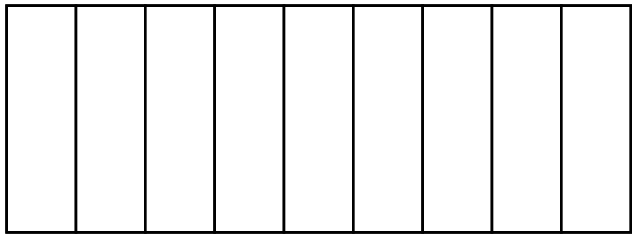
How many tenths are in two-fifths?



$\frac{2}{5} \div \frac{1}{10} =$

How many thirds are in five-ninths?

Complete the bar model.



$\frac{5}{9} \div \frac{1}{3} =$

Name: _____

11 = _____ - 2
_____ = 26 - 13
16 = _____ - 13

Amy and Eric each ordered a pizza pie at CC's Pizza. CC's pizza is special in that they don't cut the pie into slices, you have to do that! When Amy got her pie she cut it into 6 slices. Eric decided to cut his into 5 slices.

If Amy ate 5 slices and Eric ate 4 slices, who ate more?

Josh invented a weird digital clock app. It says:

"35 minutes ago it was 3 hours until 2 in the afternoon."

What time is it now?

Name: _____

Cross off the number that does NOT belong.

$6,\ 5\frac{6}{9}\ ,\ 5\frac{3}{9}\ ,\ 5,\ 4\frac{6}{9}\ ,\ 4\frac{3}{9}\ ,\ 4,\ 3\frac{6}{9}\ ,\ 3\frac{3}{9}\ ,$

$3,\ 2\frac{6}{9}\ ,\ 2\frac{3}{9}\ ,\ 2,\ 1\frac{6}{9}\ ,\ 1\frac{5}{9}\ ,\ 1\frac{3}{9}\ ,\ 1,\ \frac{6}{9}$

Why does _____ not belong in the pattern?

Subtract $\frac{1}{3}$

Cross off the number that does NOT belong.

(5,120), (2,560), (1,280), (640),

(320), (160), (80), (40),

(27), (20), (10)

Why does _____ not belong in the pattern?

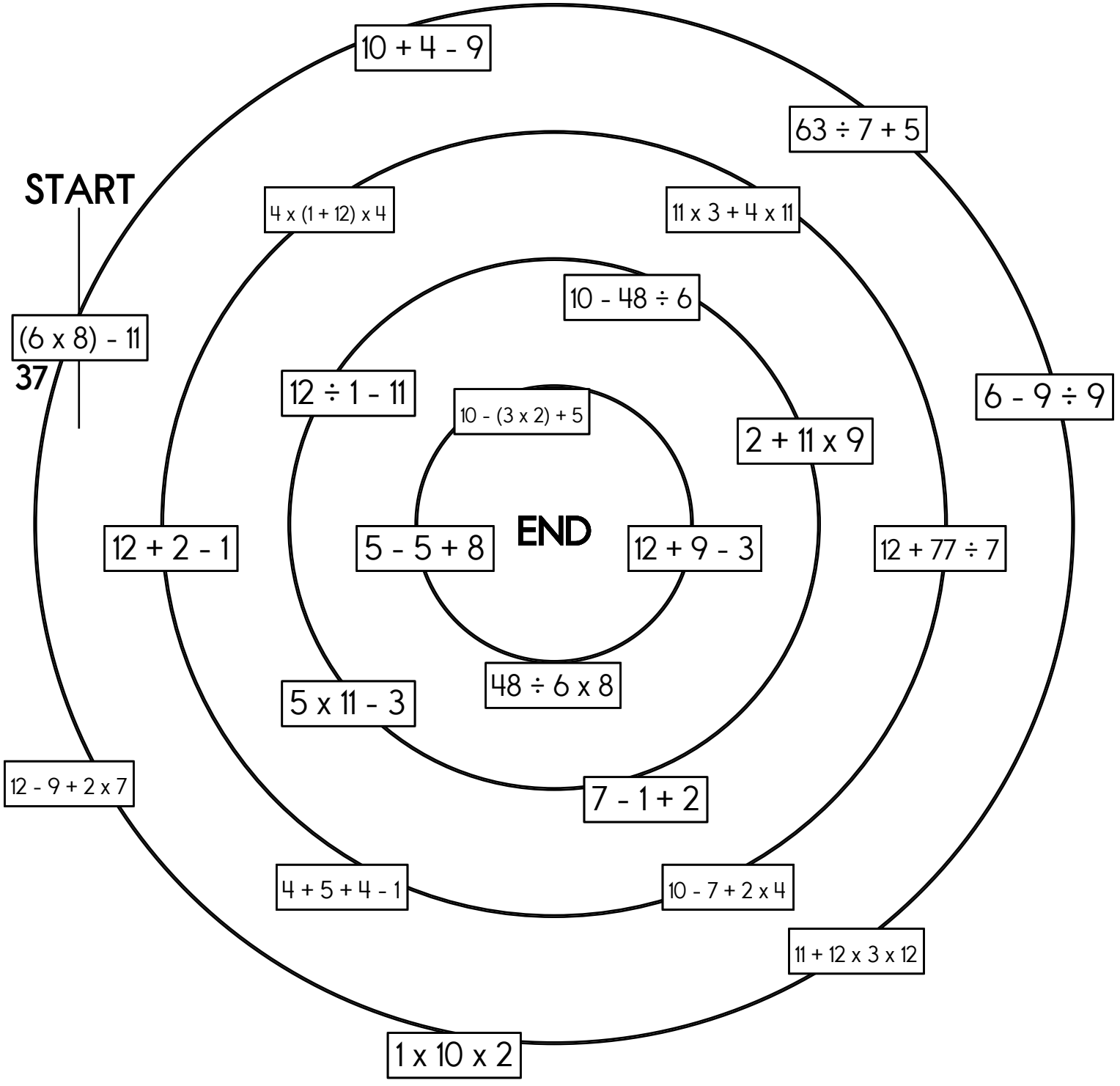
Name: _____

Draw a line from START to END.

~~37~~ 101 12

9

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



Name: _____

Write the final part of each math analogy.

27, 30, 33, 36, ____ : 39 :: 84, 87, 90, 93, ____ :

Explain why you think your answer is correct.

338 : 538 :: 439 :

Explain why you think your answer is correct.

nine tens and eight ones : 98 :: six tens and one one :

Explain why you think your answer is correct.

two sevens : 14 :: four sevens :

Explain why you think your answer is correct.

Name: _____

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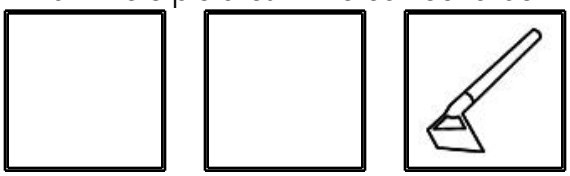
Draw the 3 pictures in the correct order:



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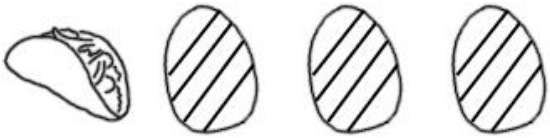

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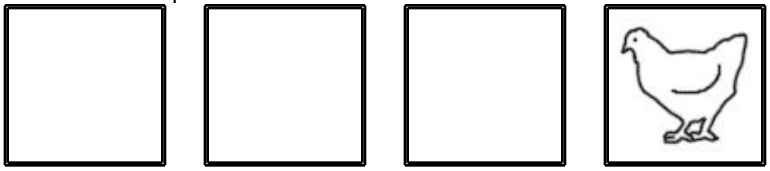
The picture IS in the correct spot.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw 3 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

charities • decreases • expand • tunnel • old • constants

Each row, column, and box must have all the words from the word list. Write in the missing words.

			decreases		
		old		constants	expand
constants		expand			
			tunnel		
old		constants			tunnel

132 ÷ 12 =

Jenna wrote that 45 divided by 6 has a remainder of 3. For her homework, she needs to find four other numbers that when divided by 6 will have a remainder of 3. Help her with her homework.

Mary has two favorite numbers. If you add her favorite numbers, you get 19. If you multiply her favorite numbers, you get 84. What are her mystery numbers?

_____

Write a letter that has a line of symmetry.

_____

word root **caust** can mean **burn** **caustic, holocaust**

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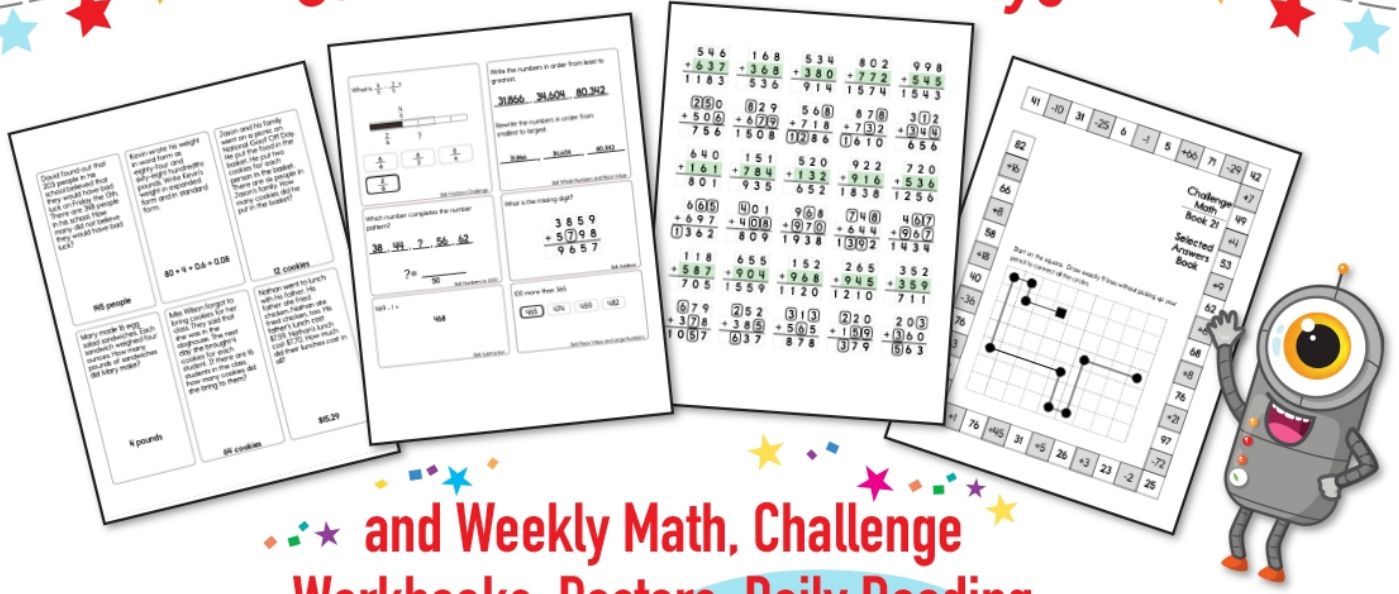

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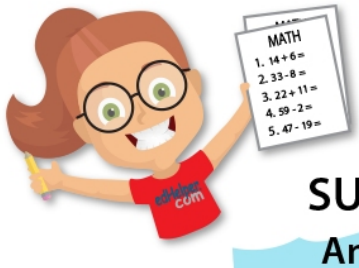

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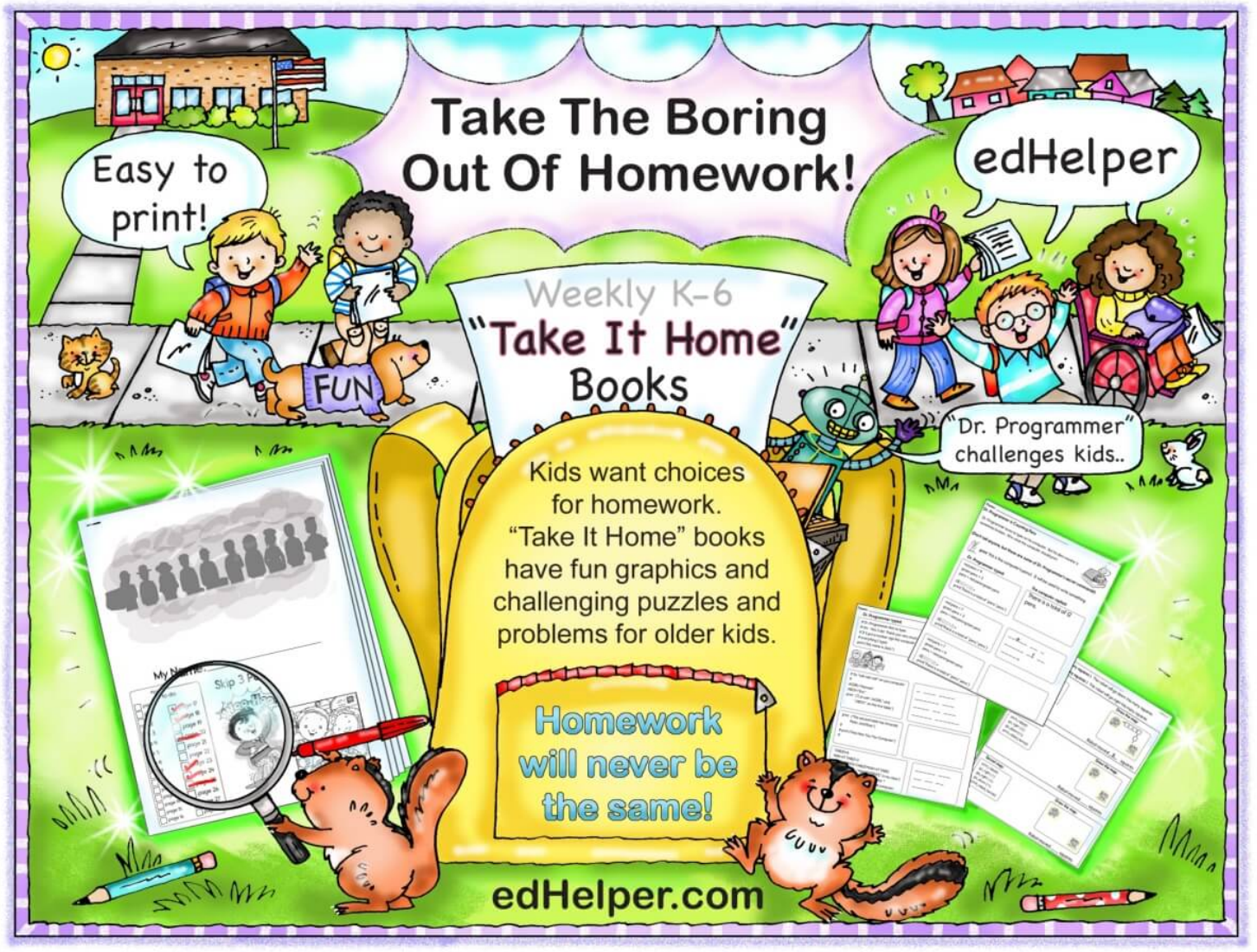
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