

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

$$13y - 26.3 = 77.7$$

$$y =$$

Simplify.

$$\frac{9,800}{14,700} =$$

$$4 \times (117 \div 9) - 56 \div 7 =$$

If  $a = 4$  and  $b = 9$ ,  
then  
 $2a + b =$

In what quadrant would  
you find the point  $(11, -14)$ ?

$20 - 19 + t = 13$   
What is the value of  $t$ ?

50, 55, 60, 65, 70, 75, 80,  
\_\_\_\_\_, 90, 95

$$|-6| - s = 8$$

$$s =$$

$$\frac{2}{5} \times \frac{4}{5}$$

$\$89 - p = \$26$   
What is the value of  $p$ ?

$$\frac{2}{3} \div \frac{1}{6} =$$

Rewrite  $\frac{1}{2}$  as a decimal.

How many possible values  
of  $w$  can there be if  $w$  is a  
number between 32 and  
50,  $w$  is an odd number,  
and  $w$  is evenly divisible by  
3?

The letter  $V$  has an  
unknown value. If you  
multiply  $V$  by nine, the  
product is three. What  
value does  $V$  have?

The angles in a  
quadrilateral  
measure  $81^\circ$ ,  $90^\circ$ ,  $86^\circ$ ,  
and  $b^\circ$ . What is the  
value of  $b$ ?

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

Draw a line from START to END.

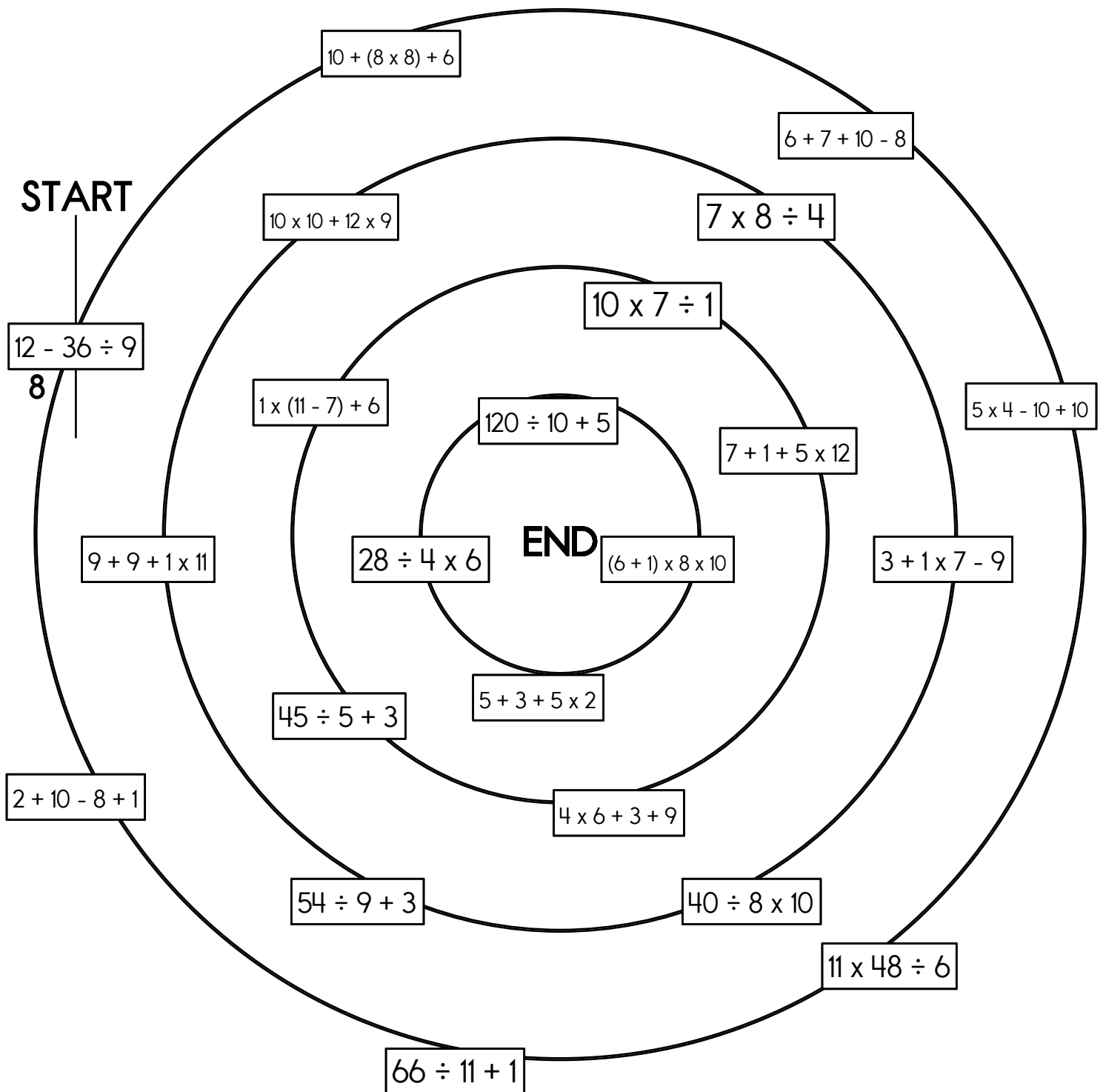
~~8~~

560

68

50

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



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

The state fair is held in our town during Freedom Week every year. The attendance in 1990 was 1,494,436. The attendance this year was 1,706,831. How many more people attended the state fair this year?

How many boxes measuring 6.7 cm on each side can be put in a crate that measures 6 m x 3 m x 15 m?

Which two of these numbers have a product of 2.822?

0.083

0.054

8.3

0.34

0.034

3.4

0.83

5.4

What number multiplied by -3 results  
in a product of -30? \_\_\_\_\_

When you take some number and subtract -88 from it,  
the difference is 117. What is the number? \_\_\_\_\_



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

Get a fidget spinner! Spin it.

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

Find the GCF using the Birthday Cake method.

5	300	250
2	60	50
5	30	25
	6	5
GCF: $2 \times 5 \times 5 = 50$		

2	180	144
6	90	72
3	15	12
GCF: _____		

3	54	48
GCF: _____		

2	80	56
GCF: _____		

6	126	144
GCF: _____		

45	40
GCF: _____	

42	36
GCF: _____	

24	40
GCF: _____	



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

Spin again.

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

Find the GCF using the Birthday Cake method.

5	30 60 55 6 12 11	3	36 27 21
GCF: 5		GCF: _____	
2	48 30 42	2	10 14 24
GCF: _____		GCF: _____	
	36 90 54		64 36 60
GCF: _____		GCF: _____	

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

$\begin{array}{r} 342 \\ + 407 \\ \hline \end{array}$	$64 \div 8 = \underline{\hspace{2cm}}$	<p>Rewrite these in increasing order of length: 4 mm, 69 dm, 922 m, 519 cm</p>

<p>Hannah makes a basket for every four attempts that she makes. Jenna needs seven attempts to make a basket. Each basket is worth 2 points. If they each make 84 attempts, then what is the score?</p>	<p>Circle the digit in the hundredths place. 4,874.9953</p>	
	$\begin{array}{r} 75 \\ - 28 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ + 35 \\ \hline \end{array}$

<p>You cannot decide what pizza store to go to. Emma's pizza cuts their pizza into 3 slices. Each slice costs \$2 each. Jessica's pizza cuts their pizza into 4 slices. Each slice costs \$3 each. If you like each pizza the same, which pizza store has the better buy?</p>	$9 \times 6 =$	$\begin{array}{r} 732 \\ - 460 \\ \hline \end{array}$
	$9 \times 8 =$	

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>three hundred fifty-three thousand, one hundred seventy-nine</p> <p>_____</p>	<p>Here is a pattern of letters:</p> <p>B A H A P B A H A P B A H A P B A H A P ...</p> <p>What letter will be the 48th term in the pattern?</p>
--	--

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

### Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.  
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
---	---

5				2	
6					
2				3	5
		5			
		2	4		1

$$27 \div 3 =$$

Sarah and Rose are playing a number game.  
Sarah says 7. Rose replies that the answer is 12.  
Sarah says 2. Rose replies that the answer is 7.  
Sarah says 5. Rose replies that the answer is 10.  
Sarah says 13. Rose replies that the answer is 18.  
Sarah says 3. Rose is thinking. What number should Rose reply with?

$$24 \text{ kg} = \text{_____ g}$$

$$1 \text{ lb} = 16 \text{ oz}$$

$$29 \text{ lb} = \text{_____ oz}$$

$$40 \div 5 =$$

$$3 \times 3 = \text{_____}$$

$$9,837 - 8,431 = \text{_____}$$

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

$90 \div 10 = \underline{\hspace{2cm}}$	How many feet are in 7 yards?  _____ feet
---	---

$8 \times 7 = \underline{\hspace{2cm}}$	$32 \div 4 = \underline{\hspace{2cm}}$	$12 \times 11 = \underline{\hspace{2cm}}$
---	--	---

$11 \times 10 = \underline{\hspace{2cm}}$	Can 528 be evenly divided by 12? Circle: 528 is evenly divisible by 12 528 is NOT evenly divisible by 12
---	--

$3 \times 3 = \underline{\hspace{2cm}}$	What is the largest possible sum of a two-digit number and a three-digit number? Show the two numbers.	$2 \times 8 = \underline{\hspace{2cm}}$
---	--	---

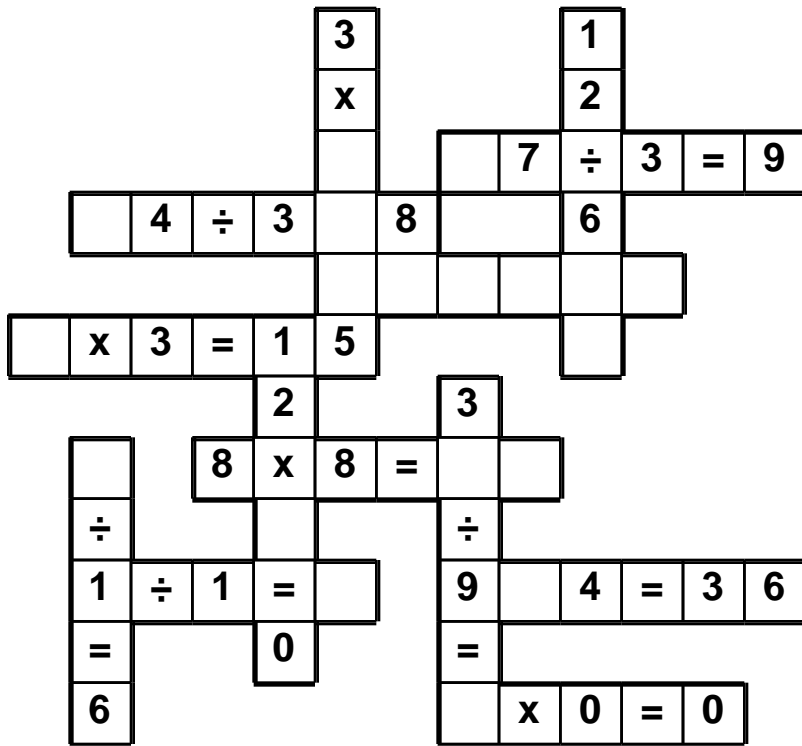
Write the missing family fact.  $109 - 46 = 63$ $63 + 46 = 109$ $46 + 63 = 109$  _____	$5 \times 10 = \underline{\hspace{2cm}}$
--	--

$467 - 319 = \underline{\hspace{2cm}}$	In the number 745,047, the digit 5 is in what place?  _____
--	---

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

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

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



$581 + 458 =$  \_\_\_\_\_

What time is 13 hours after  
1:00 p.m.?

$18 \div 6 =$

Three girls ran a race.  
Sarah was not as fast as Emily.  
Emily ran past Anna in the  
race and Anna never caught  
up.  
Who won the race? Do you  
have enough information to  
know?

$4,812 + 9,358 =$  \_\_\_\_\_

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

$$\begin{array}{r} 20.05 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10.7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4.02 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.06 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3.45 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7.29 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1.64 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8.61 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9.44 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3.38 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2.39 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5.68 \\ \times 6 \\ \hline \end{array}$$

For 2,777,463,051,606, write the digit that is in the hundred thousands place.

\_\_\_\_\_

$$145 + 527 = \underline{\hspace{2cm}}$$

$$54,116 + 23,448 = \underline{\hspace{2cm}}$$

Write an equation to represent this:

The difference between eighteen and three is fifteen.

\_\_\_\_\_

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

40% of 40 =

$$\frac{40}{100} \times 40 = 0.40 \times 40 =$$

$$\begin{array}{r} 0.40 \\ \times 40 \\ \hline \end{array}$$

72% of 450 =

$$\frac{72}{100} \times 450 = 0.72 \times 450 =$$

$$\begin{array}{r} 0.72 \\ \times 450 \\ \hline \end{array}$$

10% of 10 =

$$\frac{10}{100} \times 10 = 0.10 \times 10 =$$

$$\begin{array}{r} 0.10 \\ \times 10 \\ \hline \end{array}$$

45% of 260 =

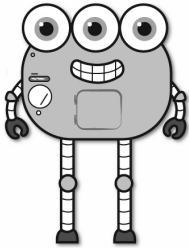
$$\frac{45}{100} \times 260 = 0.45 \times 260 =$$

$$\begin{array}{r} 0.45 \\ \times 260 \\ \hline \end{array}$$

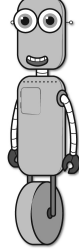
5% of 60 =

46% of 750 =

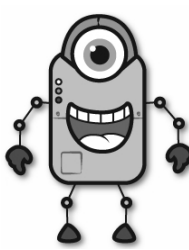
Name: \_\_\_\_\_



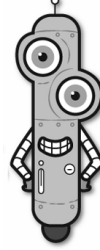
Jacob



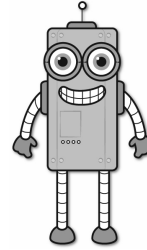
April



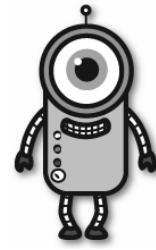
Erin



Alex



Emma



Max

### Facts

Erin is seventy years older than Jacob.

Emma is four times as old as Jacob.

Max is three years older than Alex.

Jacob is four years old.

Alex is forty-two years older than Jacob.

April is sixty-eight years older than Jacob.

How old is Jacob? \_\_\_\_\_

How old is April? \_\_\_\_\_

How old is Erin? \_\_\_\_\_

How old is Alex? \_\_\_\_\_

How old is Emma? \_\_\_\_\_

How old is Max? \_\_\_\_\_

$$(3 + 5) + 9 =$$

$$25,724 - 16,546 =$$

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

Draw a line to match each problem with the same answer.

100% of 123

82% of 150

56% of 100

35% of 160

74% of 100

43% of 200

58% of 200

80% of 145

62% of 100

40% of 155

45% of 160

41% of 100

86% of 100

37% of 200

82% of 50

36% of 200

$$\begin{array}{r} 46 \\ 705 \\ 9 \\ + \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \frac{1}{6} \\ - 2 \frac{3}{6} \\ \hline \end{array}$$

Change 19% to a decimal.

Convert to a fraction or mixed number and simplify.

Change to percents.

Write the decimal in words.  
17.22222

0.52 = \_\_\_\_\_

0.02 = \_\_\_\_\_

0.48 = \_\_\_\_\_

0.36 = \_\_\_\_\_

0.61 = \_\_\_\_\_



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

Get a fidget spinner! Spin it.

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

Simplify.

$$\frac{48}{144} =$$

$$(0.9)(0.15)$$

O, J, N, I, M, H, L, G,

\_\_\_\_\_, F

What is the remainder of  
66 divided by 15?

$$\text{If } 4x = 68, \text{ then } x =$$

$$0.0004 \times 0.9$$

Sarah climbed 11 meters in  
only 21.2 seconds. How  
many meters did she climb  
per second?

2, 18, 10, 30, 58, 98, 186,  
342, 626, 1154, 2122, 3902,  
\_\_\_\_\_, 13202

$$2 \times 2 \times 2 \times 2 = x^4$$

What is the value of x?

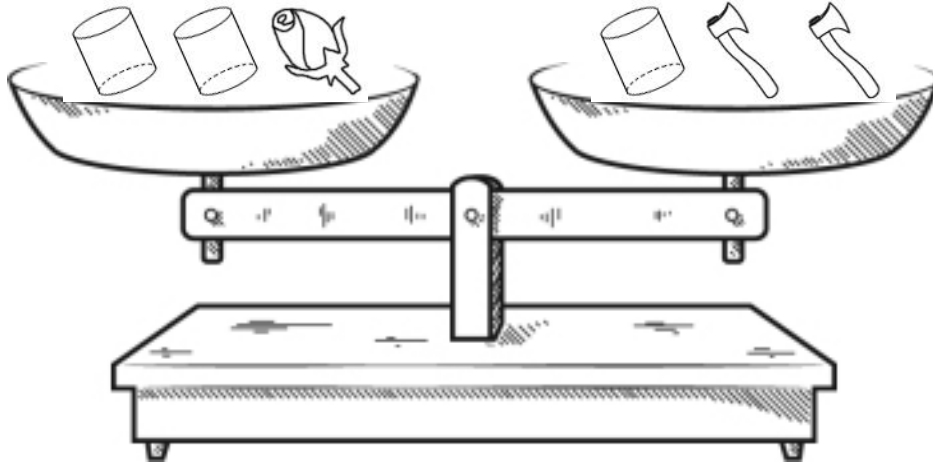
$$7 \times 7 \times 7 \times 7 = 7^x$$



What is the value of x?

What is the remainder of  
22 divided by 5?


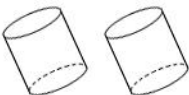
$$0.2 (0.6 (0.2 \times 6)) =$$

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






 $>$ 




☐ True
 ☐ False


 $<$ 




☐ True
 ☐ False


 $=$ 




☐ True
 ☐ False


 $=$ 




☐ True
 ☐ False


 $<$ 




☐ True
 ☐ False


 $<$ 


☐ True
 ☐ False


 $=$ 


☐ True
 ☐ False


 $=$ 


☐ True
 ☐ False

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

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

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

John, Devin, Connor, and Benjamin each have one brother (Daniel, Luis, Sean, and Jordan) and one sister (Jennifer, Taylor, Emily, and Brianna).

Who is each person's brother and sister?

1. Benjamin went to the mall with his sister, but not with his brother. Sean and Luis went with Benjamin as well.
2. Sean helped his sister Jennifer with her homework.
3. Devin played with his brother Daniel outside.
4. John played with his brother Sean outside.
5. Connor is older than his sister Brianna.
6. Devin's sister and Taylor were talking on the phone. They are not in the same family.
7. John invited Taylor and Emily over to his family's house for dinner.

John's brother is \_\_\_\_\_ and John's sister is \_\_\_\_\_.

Devin's brother is \_\_\_\_\_ and Devin's sister is \_\_\_\_\_.

Connor's brother is \_\_\_\_\_ and Connor's sister is \_\_\_\_\_.

Benjamin's brother is \_\_\_\_\_ and Benjamin's sister is \_\_\_\_\_.

How many dimes make \$2.30?

$$30 \div 3 = \underline{\hspace{2cm}}$$

$$2 \times 9 = \underline{\hspace{2cm}}$$

$$3 \times 7 = \underline{\hspace{2cm}}$$

Circle the greatest number:

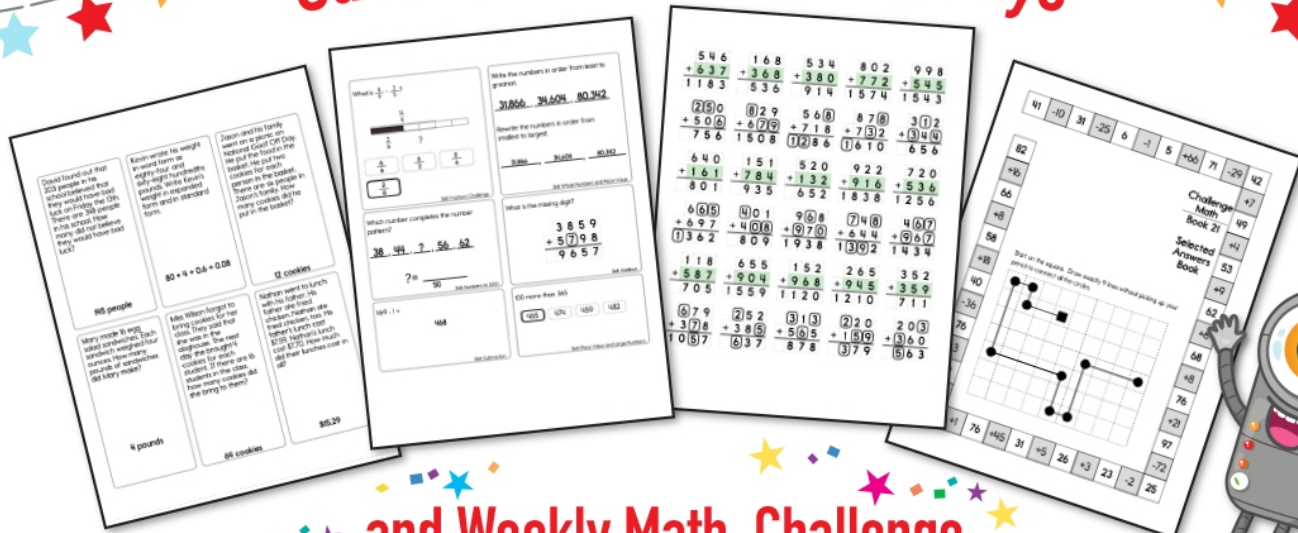
207,359,148,637

56,368,915,402

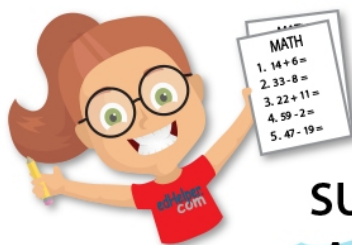
2,171,942,083

490,685

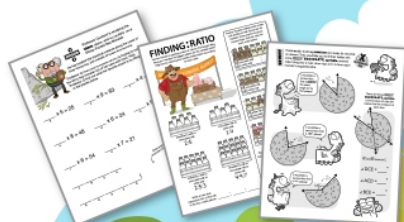
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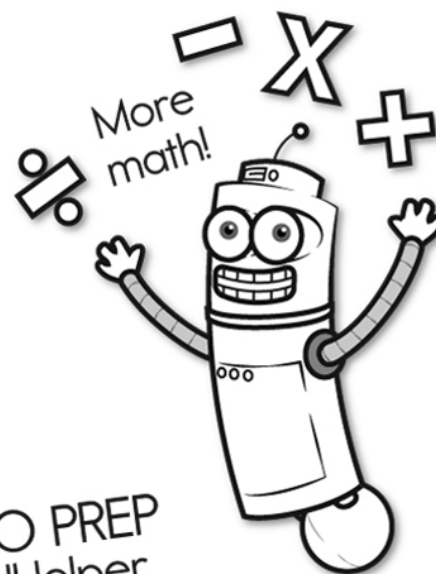
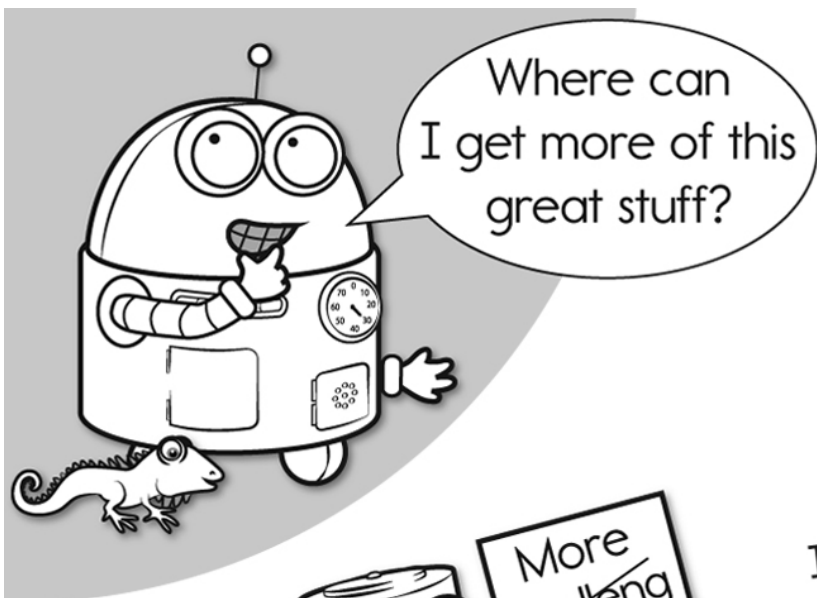
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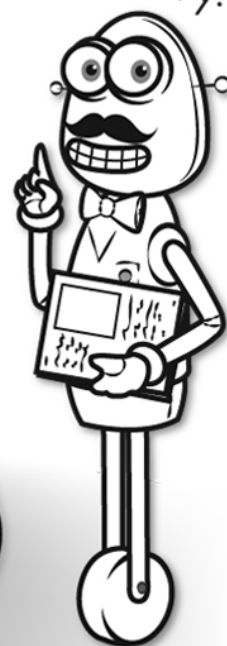


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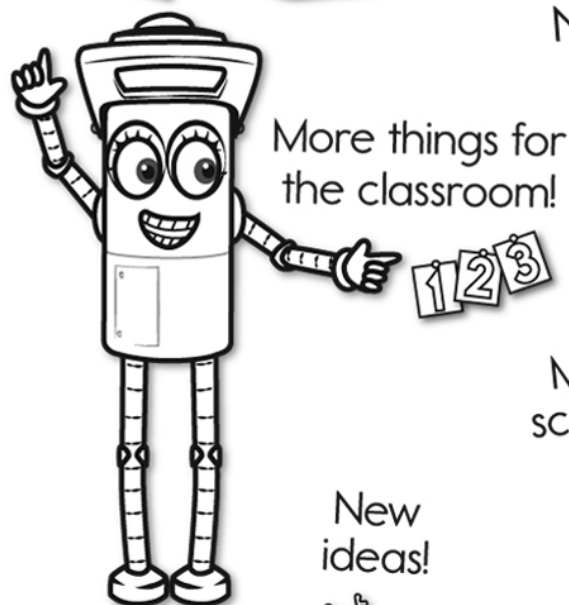
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