



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

Amy has 40 books. She organized them equally into 5 boxes. How many books in each box?

You have a playdate in 180 minutes. How many hours is that?

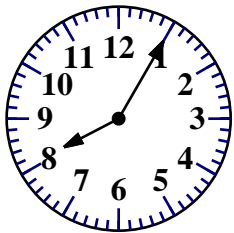
$$10 \times 4 \times 5$$

There are 2 groups of 4 rocks. How many rocks?

A book has 4 pages. Each page has 12 dimes. How many dimes in the book?

$$\text{triple } 20 =$$

Draw a small clock that shows 5 minutes past 8:00.



Adam bought 5 dozen cupcakes for a party. How many cupcakes did he buy?

Circle the four numbers whose sum equals 45.

16 20 6 11
10 3 15 20

What is the area of a rectangle with sides 3 cm and 10 cm?

$$(1 \times 9) + 10 - 10$$

81, 90, 99, 108, 117, _____,
135



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

At 4 p.m. today, Jenna will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

In the parking lot there are 12 vehicles. There are 2 SUVs. What fraction of the vehicles are not SUVs?

Which number has exactly 9 tens?

How many total legs are on 5 dogs and 3 ants?

$$___ \div 11 = 12$$

$$32 \div ___ = 8$$

It was 3 degrees above zero in the morning. By afternoon the temperature rose 26 degrees. How warm was it?

A rectangle is 57 cm on one side and 13 cm on another side. What is the perimeter?

Round 7,305 to the nearest thousand.

Circle the three numbers whose product equals 880.

11 8 10

10 10 4

724229, 422972, 297242,

724229, 422972, _____,

724229, 422972, 297242,

724229, 422972, 297242,

724229, 422972





(625), (125), (25),

(5), (1), _____, $\frac{1}{25}$,








$\frac{1}{125}$

Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 2.4s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 42.4. Do not move into a spot with a picture.

42.4 - - -40	18.4 - - -16	13.6 - - -11.2 - - -8.8
35.2 - -37.6	20.8	23.2
32.8	30.4	28
25.6		
		4

Draw ONE continuous line that touches every box ONCE.
Count by 1.1s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 28.2. Do not move into a spot with a picture.

26 - - - -								
								
28.2							4	
								
								

Find 56% of 331.

$$\frac{11}{12} - \frac{1}{12}$$

Convert to a fraction or mixed number and simplify.

$$5.0079 =$$

$$0.35169 =$$

$$4.02 =$$

$$0.00015 =$$

$$7.0993 =$$

$$5.00063 =$$

word root **stell** can mean **star**

constellation, stellar

Name: _____

Adam was using an electronic tuner (of his own design) to check the tuning of his cousin's guitar. He had previously tuned the guitar using a tone on a recording so that the A string vibrated at exactly 440 Hz (440 cycles per second). Now when he checked it using his tuner, the tuner indicated that the string was vibrating at 443.2 Hz. Assuming the string was actually tuned to 440 Hz, what was the percent error in his tuner? Round your answer to the nearest hundredth of a percent.

Jenna and Max went to Tappin' Toes with their mother to buy new tap shoes. They were taking part in a dance recital in two weeks and wanted to have new shoes for the event. Jenna chose a pair of pink tap shoes that cost \$39.97; Max chose a pair of black tap shoes that cost \$42.67. Including 5% sales tax, how much did the two pairs of shoes cost?

Put one line under the smallest number. Put two lines under the next smallest, and so on. The largest number should have 4 lines under it.

7.9

-4.8

7.1

-4.7

Reduce $\frac{6}{8}$ to its lowest terms.

Change $\frac{7}{20}$ to a decimal.

$$622 + 78 =$$

Name: _____

$84\frac{1}{3}$	$+4\frac{1}{3}$		$+\frac{2}{6}$	$+22$		$-\frac{2}{3}$		
								$-8\frac{3}{6}$
				-14	-15			
						$+\frac{1}{2}$		
				$+27$	$-\frac{1}{2}$	$+6$		
$+\frac{1}{2}$		$+5$						
				$+1$	$-2\frac{1}{2}$			
$-\frac{4}{6}$				$98\frac{1}{2}$				
	-59		$-7\frac{1}{3}$	$+58$	-53	$47\frac{5}{6}$		

$71,593 - 17,679 =$ _____
$13\text{ km} =$ _____ m

Amy rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being eleven?

Name: _____

<p>The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry?</p>	$\begin{array}{r} 328 \\ + 378 \\ \hline \end{array}$	$42 \div 6 =$	
$\begin{array}{r} 489 \\ - 155 \\ \hline \end{array}$	<p>20% of 100 is 20. 20% of 400 is 80. 20% of 600 is 120.</p> <p>What is 20% of 1000?</p>	<p>1 cm = 10 mm</p> <p>9 cm = _____ mm</p>	
$11 \times 12 =$ _____	$11 \times 5 =$	$\begin{array}{r} 35 \\ - 11 \\ \hline \end{array}$	$108 \div 12 =$ _____
$5 \times 3 =$ _____	<p>What time is 14 hours after 4:00 a.m.?</p> <p>_____</p>	$\begin{array}{r} 41 \\ + 40 \\ \hline \end{array}$	$8 \times 12 =$

Name: _____

Circle the greatest number: 285,069 235,891,743 64,017 4,179,856	Three girls ran a race. Rosa was not as fast as Mary. Mary ran past Emily in the race and Emily never caught up. Who won the race? Do you have enough information to know?
$42,537 + 76,629 = \underline{\hspace{2cm}}$	
$45 \div 5 = \underline{\hspace{1cm}}$	$110 \div 10 = \underline{\hspace{1cm}}$

$84 \div 12 = \underline{\hspace{1cm}}$	How many kilograms are in 6,000 grams? _____ kilograms
---	---

Can 622 be evenly divided by 12? Circle: 622 is evenly divisible by 12 622 is NOT evenly divisible by 12	$77,157 + 67,424 = \underline{\hspace{2cm}}$
	Circle the digit in the tenths place. 887.6118

Jacob took three whole numbers greater than 1 and multiplied them. One number was six and the other number was thirteen. Of course, he forgot the last number, but he remembered the product was 199. Is this possible?	$62,285 + 69,786 = \underline{\hspace{2cm}}$
	Amanda rolls two dice. What is the chance of her rolling a 5 on one die and a 2 on the other die? _____

$132 \div 12 = \underline{\hspace{1cm}}$
--

Name: _____

<p>Four cards cost \$12. At that rate, what is the cost of 20 cards?</p>	$10 \times 9 = \underline{\hspace{2cm}}$	
<p>What number is halfway between 29 and 37?</p>	$7 \times 8 = \underline{\hspace{2cm}}$	$27 \div 9 = \underline{\hspace{2cm}}$
<p>You want to buy an entire pizza, but you cannot decide which pizza store to go to. Amy's pizza cuts their pizza into 6 slices. Each slice costs \$3 each. Megan's pizza cuts their pizza into 7 slices. Each slice costs \$3 each. If you like each pizza the same, which pizza store has the better buy?</p>	$4,126 - 3,156 = \underline{\hspace{2cm}}$	
<p>Can 420 be evenly divided by 5? Circle: 420 is NOT evenly divisible by 5 420 is evenly divisible by 5</p>	$8 \times 9 = \underline{\hspace{2cm}}$ $2 \times 4 = \underline{\hspace{2cm}}$	
	<p>Erin cannot open her locker. She knows that the three numbers are: 13, 11, and 27, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.</p>	
<p>In the number 584,293, the digit 3 is in what place? _____</p>	$667 - 626 = \underline{\hspace{2cm}}$	

Name: _____

A printer can print 40 pages in 5 minutes.
How many pages can the printer print in
one minute?

How many pages can the printer print in
one hour?

A hotel at the beach charges \$108 per day.
Hunter booked a room for 3 days at the
hotel. How much money did he have to
pay?

Sara has a new pool in her backyard! It
took 9 months to build, but it is finally finished.
The only problem is that it has no water. The
pool can hold 12,000 gallons of water. She
hooked up a garden hose with a flow rate
of 20 gallons per minute. At that rate, how
long will it take to fill the pool?

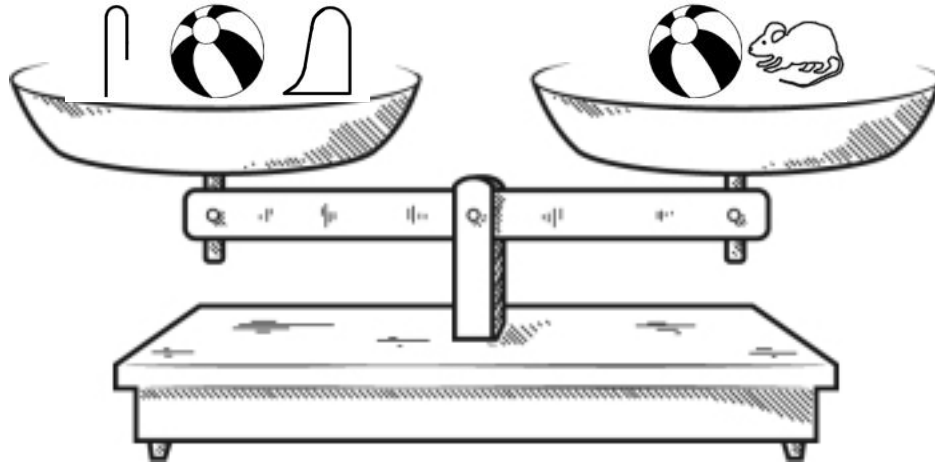
One pitching machine can throw 7 pitches
in 133 seconds.

One pitching machine can throw
_____ pitches in 152 seconds.

Two pitching machines can throw
_____ pitches in 133 seconds.

Two pitching machines can throw
_____ pitches in 152 seconds.

Name: _____



True False

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: _____

ACROSS

- 1 In a game you can get 37 hearts for 38 stars. How many stars can you get for 74 hearts?

a. answer: 7 6

Write the numeral nine thousand, four hundred sixty-seven.

b. answer: 9 4 6 7

Full 1 across answer:

7 6 9 4 6 7
a a b b b b

- 2 Find x.
 $\frac{12}{x} = \frac{6}{13}$

4 $379 - 8$

- 5 $\frac{1}{72} + \frac{1}{9}$ (find a solution with a denominator of 16)

Write into 5 across:

 /

- 8 Solve for b:
 $9b + 12 = 138$

9 9,493; _____; 9,563; 9,598

10 Find b. $b + 2 = 77$

11 $40 - 7$

- 12 Write this fraction in simplest form.

$\frac{28}{388}$

Write into 12 across:

 /

13 $6 \cdot 1 + 6$

1								2	3	
/								4		
5	/	6	7					8		
9								10		
								11		
12	/									
								13		

DOWN

- 1 Write this fraction in simplest form.

$\frac{42}{174}$

Write into 1 down:

 /

- 2 Round 231.4 to the nearest whole number.

a. answer:

Evaluate when $v=4$
 $12v + 25$

b. answer:

Full 2 down answer:

 a a a b b

- 3 For a rectangle with an area of 12 cm^2 , the length is 2, and the width is _____ cm.

a. answer:

Which is closer to a multiple of 6?
7453 or 7454

b. answer:

Full 3 down answer:

 a b b b b

6 $20, 16, \text{_____}, 8$

7 $4 + 8 \cdot 8$

- 12 Factors of 142:
1, 2, _____, 142.

Name: _____

What is the remainder of 60 divided by 19?

If $v = 5$ and $p = -54$ then what is the value of t ?
 $12v - 11p - 3p = t$

$$0.3 (0.6 (0.3 + 3)) =$$

$$6v - 13.5 = 29.1$$

$$v =$$

In what quadrant would you find the point (1, -5)?

What is the greatest common factor of the numbers 24 and 72?

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

$$\frac{8}{9} \times \frac{2}{9}$$

If $x = -4$ and $v = 33$ then what is the value of f ?
 $11x + 15v - 2v = f$

If $m = 4$, $t = -7$, and $s = 12$ then what is $m + t \cdot s$?

The angles in a quadrilateral measure 91° , 99° , 105° , and m° . What is the value of m ?

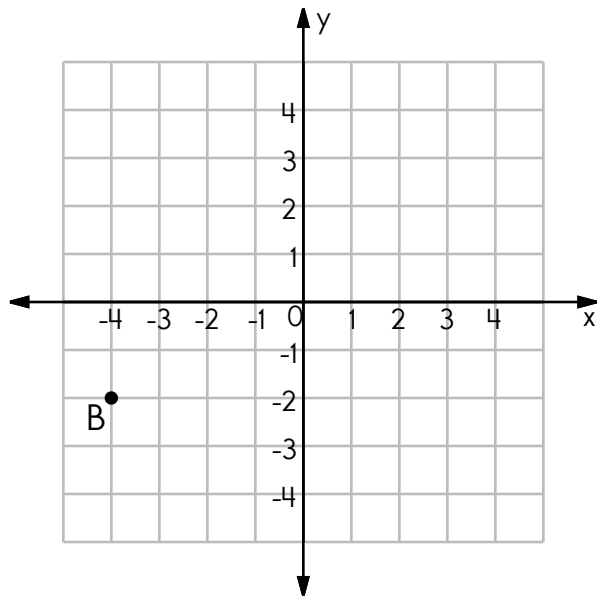
$$\frac{1}{3} + \frac{w}{5} = \frac{8}{15}$$
$$w =$$

$$\frac{1}{7} \times \frac{10}{12}$$

$$12 \div 3 + 9$$

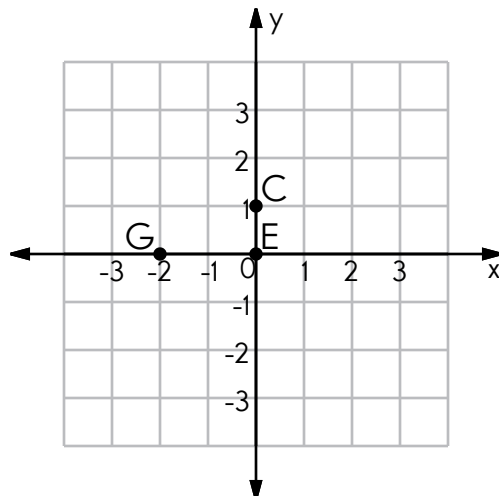
Rewrite $\frac{93}{100}$ as a decimal.

Name: _____



_____ B is in _____ III.

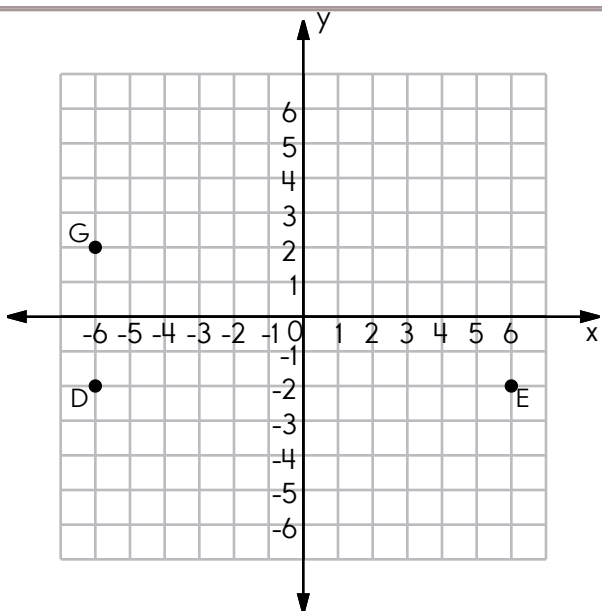
The _____ of B are (-4, -2).



Point C lies on the _____.

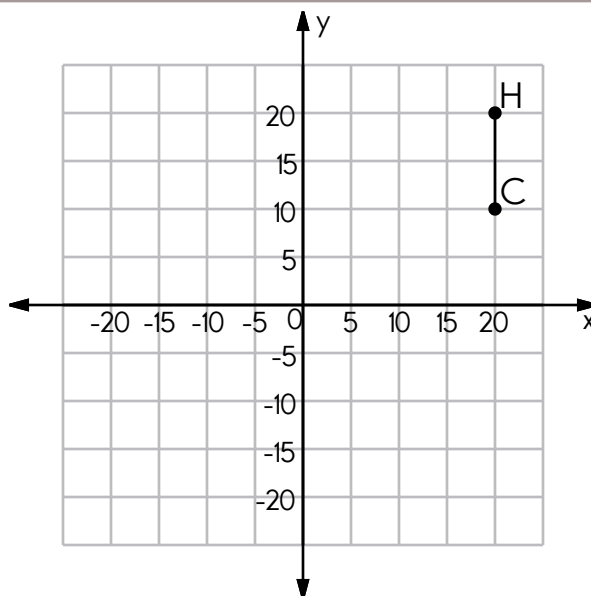
Point G lies on the _____.

Point E is on the _____.



Which 2 points are reflections of each other across the y-axis?

Point _____ and Point _____



What is the length of \overline{CH} ?
_____ units

Draw a line between points E(10, -20) and F(10, 15). What is the length?

Name: _____

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

36% of 100 ●

● 24% of 150

30% of 110 ●

● 26% of 150

21% of 100 ●

● 100% of 164

52% of 75 ●

● 100% of 112

50% of 194 ●

● 14% of 150

56% of 200 ●

● 33% of 100

82% of 200 ●

● 97% of 100

89% of 100 ●

● 50% of 178

$$7b - 23.3 = 11.7$$

$$b =$$

What is the value of p?

$$5p + 14 - 3p = -8$$

$$6 + 40 \div 5 - 84 \div 12 =$$

$$4 + 7 + 3 - 4 - 8$$

$$\$83 - p = \$24$$

What is the value of p?

Circle the percentage that is closest to 12 out of 71:

5%

23%

62%

87%

The unknown value x is a multiple of 4, is greater than 150, and it is divisible by 15. What can be the lowest possible value of x?

Jenna climbed 12 meters in only 33.9 seconds. How many meters did she climb per second?

What is the mode of the following number set?

96, 83, 88, 76, 87, 79, 80, 92, 89, 78, 75, 77, 97, 90

Name: _____

$$5 \overline{) 5.5}$$

$$8 \overline{) 9.6}$$

$$7 \overline{) 7.0}$$

$$6 \overline{) 1.08}$$

$$4 \overline{) 9}$$

$$4 \overline{) 5.2}$$

$$10 \overline{) 1.4}$$

$$4 \overline{) 0.24}$$

$$7 \overline{) 22.4}$$

$$\begin{array}{r} 55,348 \\ - 13,509 \\ \hline \end{array}$$

Write the decimal number
for:
four ten-thousandths

$$\begin{array}{r} 552 \\ - 110 \\ \hline \end{array}$$

Name: _____

$2\frac{2}{3}$

$2\frac{5}{7}$

$2\frac{3}{4}$

$1\frac{1}{5}$

$1\frac{1}{2}$

$1\frac{3}{7}$

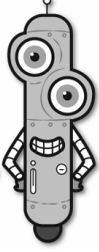
$2\frac{6}{7}$

Name two of the above numbers that have a sum of $4\frac{2}{7}$.

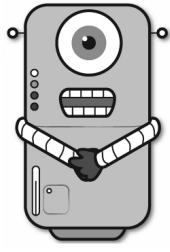
Megan lives in Kolkata where it is currently Sat. at 10:45 p.m. She made a phone call to Emma who lives in San Francisco. It is 9:15 a.m. and Sat. in San Francisco. What is the difference in time?

Anna is 2 times as old as Holly. In 8 years, the sum of their ages will be 37. How old is Anna?

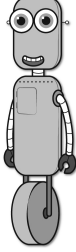
Name: _____



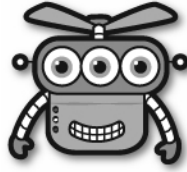
Amanda



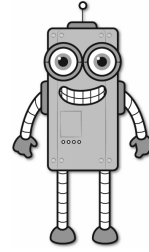
Justin



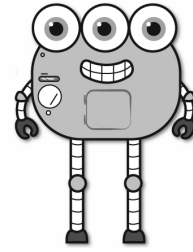
Anna



Nathan



Kevin



Rosa

Facts

Amanda is seven years old.

Nathan is forty-one years older than Amanda.

Rosa is twenty-three years older than Amanda.

Justin is fifty-one years older than Amanda.

Kevin is forty-four years older than Anna.

Anna is four times as old as Amanda.

How old is Amanda? _____

How old is Justin? _____

How old is Anna? _____

How old is Nathan? _____

How old is Kevin? _____

How old is Rosa? _____

$$9,373 - 7,523 = \underline{\hspace{2cm}}$$

$$95,283 + 55,774 = \underline{\hspace{2cm}}$$

$$50 \div 5 = \underline{\hspace{1cm}}$$

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.

Every row must contain the numbers 1, 2, 3, 4, 5, and 6.

Every column must contain the numbers 1, 2, 3, 4, 5, and 6.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

10+	10+		13+		
		8+			6+
3	5	7+	4	6	
11+			10+		1
8+	1	16+		3	13+
		1			

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

$5 + \underline{\quad} = 11$

$\underline{\quad} + 4 + \underline{\quad} = 16$

$4 + \underline{\quad} + \underline{\quad} = 7$

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

$4 + \underline{\quad} = 6$

$\underline{\quad} + 3 + \underline{\quad} = 10$

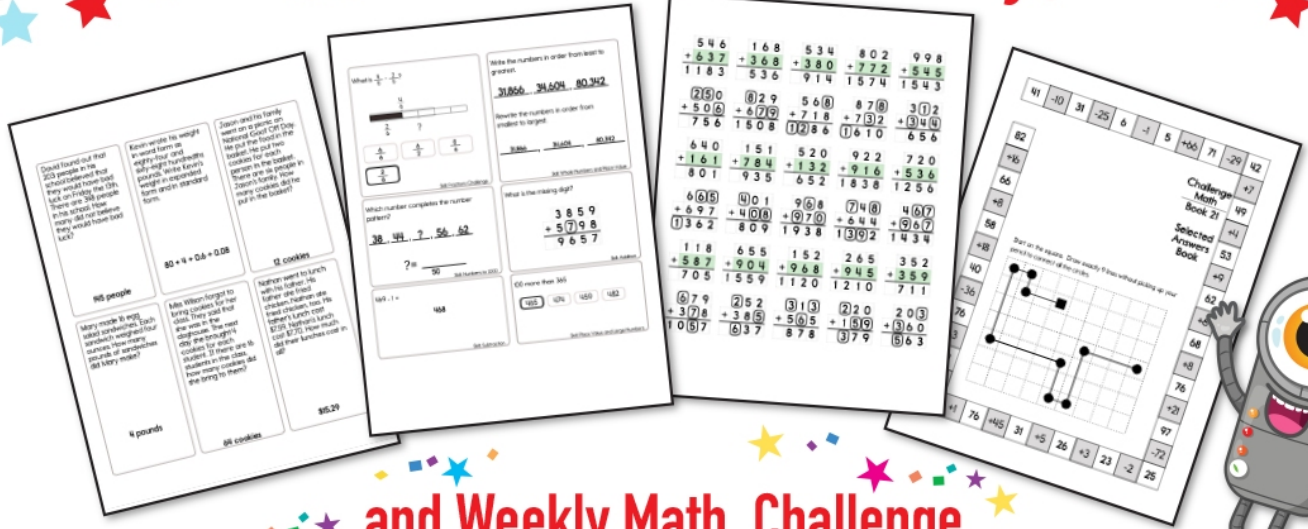
$\underline{\quad} + \underline{\quad} + 5 = 13$

$\underline{\quad} + \underline{\quad} + 1 = 8$

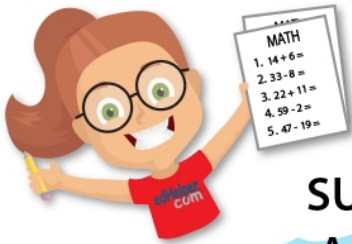
$\underline{\quad} + 2 + \underline{\quad} = 13$

$\underline{\quad} + \underline{\quad} + 3 = 10$

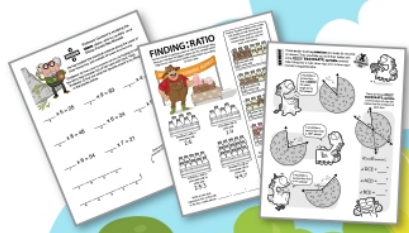
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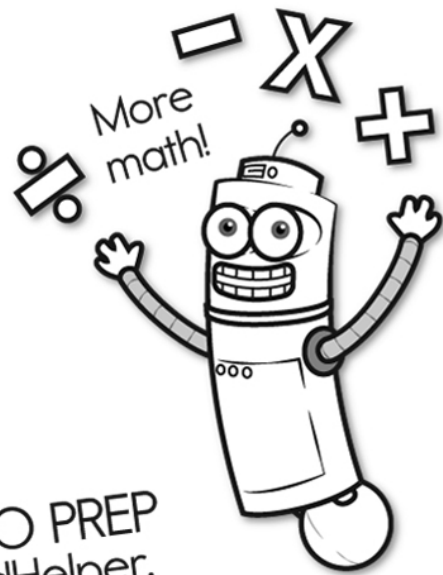
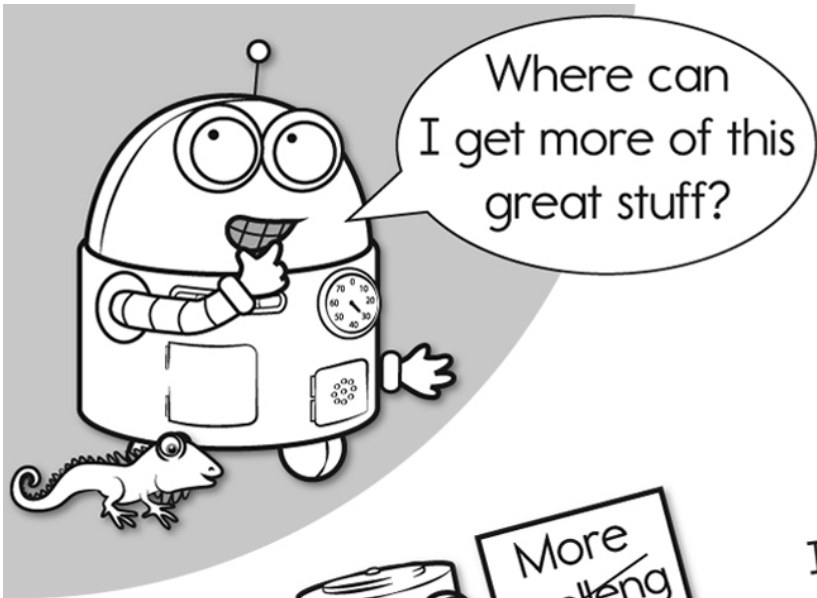
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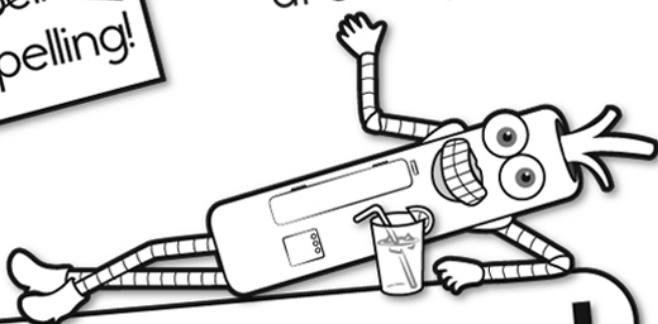


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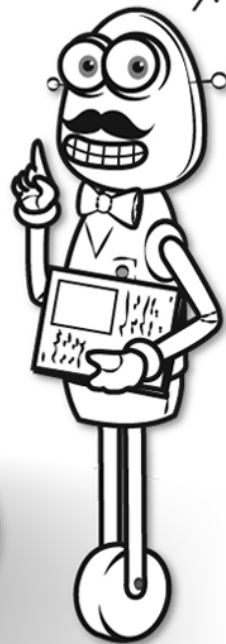


It's NO PREP at edHelper.

More history!



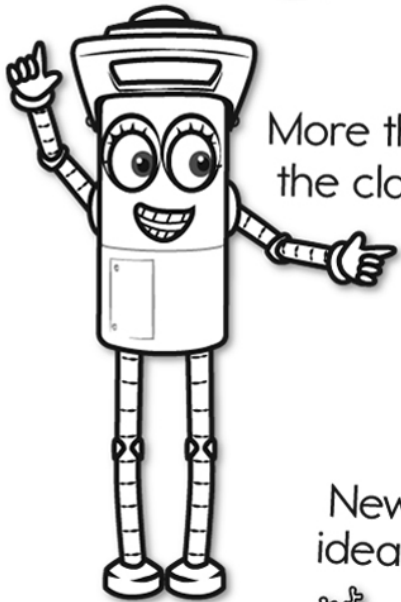
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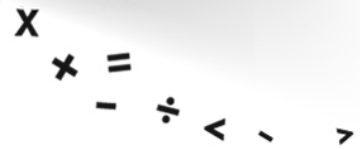
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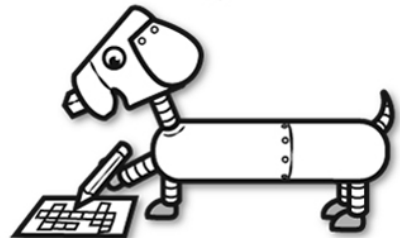
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