

Name: _____

How many centimeters in 440.7 meters?

How many centimeters in 2.5 meters?

G, I, K, M, O, Q, S,
_____, W

How many meters are there in 190 kilometers?

A rectangle is 47 cm on one side and 8 cm on another side. What is the perimeter?

It was 9 degrees below zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?

$$786 \div 10$$

$p - \$61 = \30
What is the value of p?

Rewrite $\frac{29}{100}$ as a decimal.

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{4}{7}$ would go. Is $\frac{4}{7}$ closer to 0, $\frac{1}{2}$, or 1?

Find the least common denominator for the fractions $\frac{6}{24}$ and $\frac{4}{12}$.

Write as an algebraic expression.

$58 \frac{1}{15}$ divided by the sum of b and h

$$11 + 5 \div 5$$

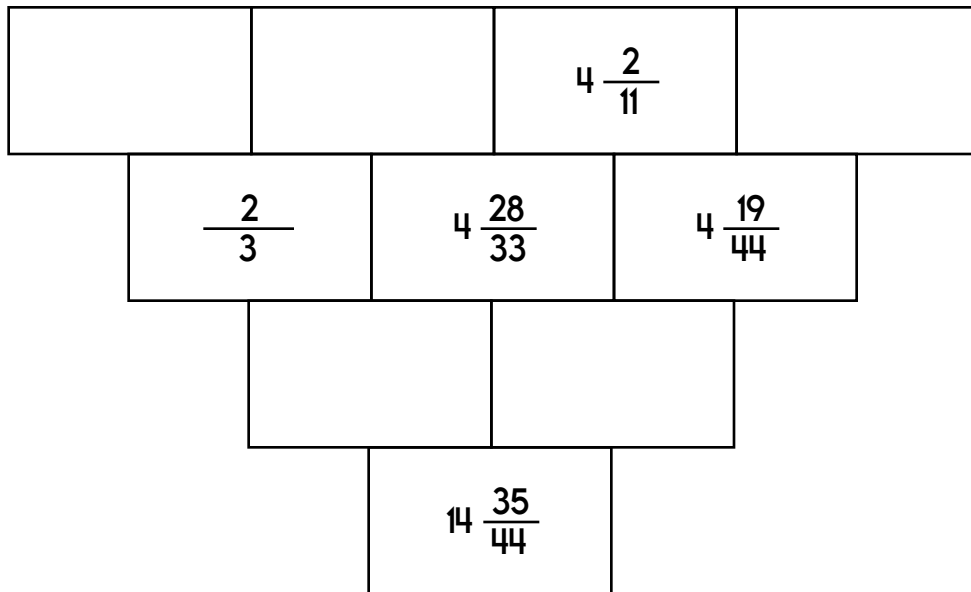
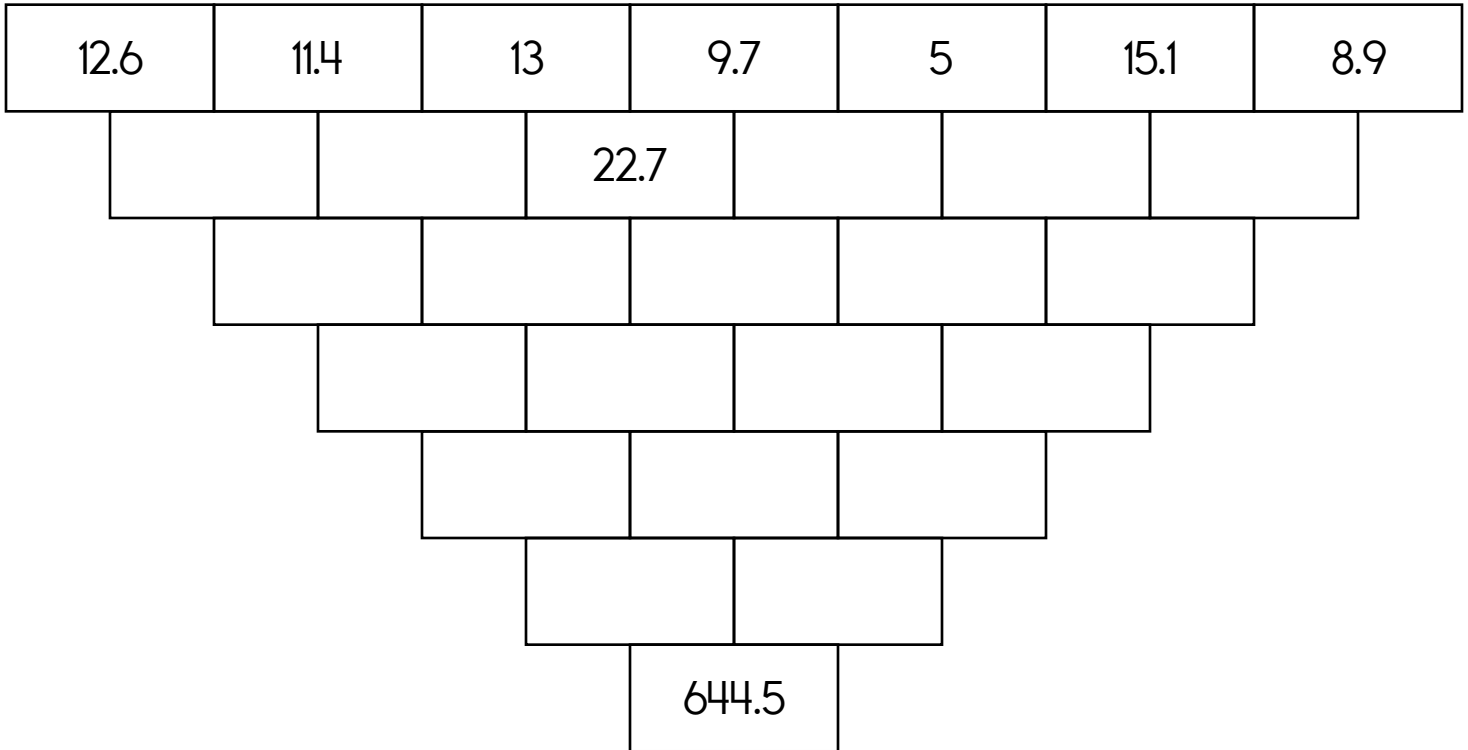
If $3x = 42$, then $x =$

$$9z - 10.6 = 34.4$$

$z =$

Name: _____

The block below is the sum of the two blocks above. Fill in the missing blocks.



Fill in the missing letters. Write ie or ue.

earl_____r

freq_____ncy

f_____l

ch_____ftain

val_____

carr_____d

word root **mort** can mean **death**

mortal, mortuary

Name: _____

Mental Math

— #1 —

Start with the number 722.

722



Add one-fourth of a dozen.

8 0 7 2 5 5 4 3 7 8 (Circle your answer to double check you are correct.) _____

Add the number of cups in 1 quart.

7 2 9 7 8 7 4 8 1 8 _____

Add the digits in your number. The sum of that is your new number.

4 1 8 0 8 3 3 0 2 6 _____

Add the number of quarters in a dollar.

5 0 7 2 2 2 1 8 4 5 _____

Increase that number by 7.

5 1 6 6 1 7 2 9 9 0 _____

Triple that number.

6 0 2 7 4 6 1 8 7 2 _____

Add half of 46.

3 0 9 9 7 1 1 0 4 9 _____

Add the digits in your number. The sum of that is your new number.

4 6 3 2 1 7 2 5 9 0 _____

Add the number of ounces in 2 pounds.

3 3 8 6 2 3 1 3 4 1 _____

Add half of 50.

5 9 9 4 8 6 7 6 3 7 _____

Name: _____

<p>Rewrite these in increasing order of length: 631 km, 129 mm, 205 dm, 42 cm, 562 m</p>	<p>Erin told Sarah that she multiplied two consecutive whole numbers and the answer is 163. Sarah doesn't believe that is possible. She thinks Erin must have multiplied wrong. Who is correct?</p>
<p>$12 \div 2 = \underline{\hspace{2cm}}$</p>	

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>two hundred eighty-four thousand five hundred ninety-seven</p> <p>_____</p>	<p>$3 \times 6 = \underline{\hspace{2cm}}$</p>	$\begin{array}{r} 449 \\ + 263 \\ \hline \end{array}$
--	---	---

<p>Write an equation to represent this:</p> <p>The difference between fourteen and eight is six.</p> <p>_____</p>	<p>$7,612 - 6,548 = \underline{\hspace{2cm}}$</p>
---	--

<p>Erin rolls a die. What is the chance of her rolling a 6?</p> <p>_____</p>	<p>Fill in the missing operations to complete this equation:</p> <p>$52 \underline{\hspace{1cm}} 13 \underline{\hspace{1cm}} 51 = 55$</p>
--	--

<p>$24 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$</p>	<p>Emma rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being seven?</p>	$\begin{array}{r} 99 \\ - 51 \\ \hline \end{array}$
---	---	---

Name: _____

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

Make a Word	Sum																			
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<p>A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</p>																				

Make a Word	Sum																					
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		1	2	4	8																	
F	L																					
<p>A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</p>																						

54 ÷ 6 =	30 ÷ 3 = _____	1 kg = 1,000 g	<table border="1"> <tr> <td>549</td> </tr> <tr> <td>- 308</td> </tr> <tr> <td>-----</td> </tr> </table>	549	- 308	-----
549						
- 308						

	14 ÷ 7 = _____	9 kg = _____ g				

Write 867,857 in words. _____	72 ÷ 6 = _____
----------------------------------	----------------

A bike originally priced at \$120 is marked down by 40%. What is the sale price?	8 x 7 =	18 ÷ 9 = _____

9 x 12 =	How many yards are in 12 feet? _____ yards	12 x 7 = _____
----------	---	----------------

Name: _____

= • 4 • 9 • 9 • 7 • 5 • = • 2 • 3 • 1 • 5 • = • 3 • 3 • 2 • +
3 • 0 • = • 6

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

8						x		2				1		6	
										x					
												6		x	
														= 5 4	
1				+		8		=		1				x	
+		x						4				0		÷	
4														=	
5		+				=		8						4	
7		1		2		-		3		=		4		+	
=		8										4			
1				0		+				+				= 6	
												5			
		0		-						3		-		3	

$28 \div 7 =$

$90 \div 9 =$ _____

$40 \div 4 =$ _____

What time is 17 hours after 2:00 a.m.?

$884 + 556 =$ _____

word root **mis** can mean **bad**

mistake, misfortune

Name: _____

Canada, Austria, Finland, and the Netherlands were awarded gold (8, 6, 9, and 7), silver (2, 7, 4, and 8), and bronze (2, 6, 8, and 3) medals. Figure out how many of each type of medals were won by each of the four countries.

For example, country x may have won 8 gold, 4 silver, and 6 bronze medals. However, if country x won 8 gold medals, that means country z did not win 8 gold medals. Instead, country z may have won 6 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. One country won four silver medals. The same country also won four gold medals.
2. Austria won either three or eight bronze medals.
3. One country won eight silver medals. The same country also won eight gold medals.
4. the Netherlands won the fewest bronze medals.
5. Austria won either seven or nine gold medals.
6. Canada won three silver medals in alpine skiing as well as two silver medals in the biathlon.
7. Finland won either two or four silver medals.
8. Finland won a total of seventeen medals.
9. the Netherlands won more silver medals than gold medals. the Netherlands also won more silver medals than bronze medals.
10. Canada won a total of twenty-one medals.
11. One country won an even number of bronze medals and two silver medals.
12. the Netherlands won the most silver medals.

Canada won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Austria won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Finland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

the Netherlands won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

84	90	97
-	40	52
	65	78
	95	27
		44

Find a subtraction fact.

B

99	28	20
-	75	40
	63	18
	58	51
		32

Find a subtraction fact.

C

28	47	58
-	78	46
	98	14
	72	38
		77

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	84	-		=	
B		-		=	
C		-		=	

$2 \times 3 =$ _____
$7 \times 2 =$ _____

You can buy 3 fancy pens for \$9 at the store. At this rate, what would be the cost of twelve fancy pens?

$5 \times 6 =$ _____

$(5 + 7) + 6 =$

Two cards cost \$6. At that rate, what is the cost of 6 cards?



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

8, _____, 12, 14, 16, 18, 20,
22, 24

$y = x + 18$
 $y = 23$
What is the value of x ?

$$0.6 (0.4 (0.6 \times 6)) =$$

C, K, D, L, E, M, F, N,
_____, O

$$4 + 8 \times 7 + 4$$

What is the remainder of
128 divided by 15?

What is the mode of the
following number set?

32, 14, 33, 31, 24, 18, 32, 28, 21,
32, 22, 27, 33

What is the mode of the
following number set?

39, 50, 38, 37, 42, 46, 53, 45,
56, 44, 43, 52

A circle graph has five
sections. Only four
sections are labeled. The
labels are 9%, 16%, 9%, and
7%. What should the
missing section be?

13, 24, 16, 22, 19, 20, 22,
18, 25, _____, 28, 14

If $t = -7$ and $a = 43$ then
what is the value of s ?
 $9t + 9a - 3a = s$

Rewrite as an algebraic
expression or equation.

Add y to the product of 5
and 8

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

I	N	C	R	E	D	I	B	L	E	P	I	N
C		I	N	S	T	R	U	C	T	I	O	N
E	P	R	E	D	I	C	A	M	E	N	T	S
N	W	G	P	R	I	N	C	I	P	A	L	
T	H	H	O	F	O	L	D	A	N	N	O	Y
U	A	I	D	I	F	F	E	R	E	N	C	E
R	V	S	B	V	I	C	T	O	R	Y	S	
I	E	T	U	B	Y	D	A	R	E	S	B	H
E	N	L	Y	G	A	S	D	A	S	H	O	E
S	S	E	S	H	E	E	P	I	S	H	Y	D

Write the words found.

SHED _____	DIFFERENCE _____
WHISTLE _____	PREDICAMENTS _____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

$$60 \overline{) 6961}$$

Divide and write remainder.

$$\begin{array}{r} 67 \\ x 3 \\ \hline \end{array}$$

$$3 \overline{) 104}$$

Divide and write remainder.

Name: _____

Select the word or phrase whose meaning is closest to the given word.

<p>MORTIFY</p> <p>irritate please implement shock simmer</p>	<p>INGENUITY</p> <p>friendliness attractiveness cleverness inexperience usefulness</p>	<p>ITINERANT</p> <p>intrinsic layered stationary nomadic structured</p>
<p>PANORAMA</p> <p>optics wide view dais ecumenical diversity</p>	<p>JUBILANT</p> <p>funny type of dessert anniversary envious joyful</p>	<p>OBSOLETE</p> <p>outmoded timely misshaped luminous hibernating</p>
<p>BELLIGERENT</p> <p>smitten charming affable enthusiastic cantankerous</p>	<p>BANISH</p> <p>return clean up cast out accrue settle</p>	<p>SACCHARINE</p> <p>bland salty appetizing too sweet very bitter</p>

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

I O V J G E E T T N A L I B U J R D G O I S A H W T I G O E F G A N
 N L Y I L N V J F S A C C H A R I N E H W V N P M W T E I J E O J G
 I H C T I I S I O O I O L G B S S E N R E V E L C Y O U T M O D E D
 C L W I S U Q D I Y A T N E R E G I L L E B B A N I S H R O T P S Y
 Y O N N D E I Q T E F T F I T T H W V L I I N M O R T I F Y M C A O
 Q I B E N A I N G E N U I T Y T O O K E T T O N E A I T N G O V S H
 U A I R M J M T B S E U L R C A J T U O P A N O R A M A N B A U M G
 E U L A N A K O S B E I T E A S H O C K O A C U C A S T O U T T I I
 L H C N N B E M N T T A L U R A C T E S U O R E K N A T N A C A A A
 L B I T N N T E E W S O O T I O B S O L E T E I N T W I D E V I E W

Name: _____

Write the NUM-BER of SYL-LA-BLES under each word.

When Martin returned to the office, he had fourteen
 $\underline{1}$ + skip + skip + $\underline{1}$ + $\underline{1}$ + $\underline{2}$ + $\underline{1}$ + $\underline{1}$ + $\underline{2}$ = $\underline{9}$

voice mail messages waiting for him.

$\underline{1}$ + $\underline{1}$ + skip + $\underline{2}$ + $\underline{1}$ + $\underline{1}$ = $\underline{6}$

England is known for its damp, and often cold, climate.

___ + $\underline{1}$ + ___ + ___ + ___ + ___ + $\underline{1}$ + ___ + ___ + ___ = $\underline{12}$

When the dismissal bell rang, the third graders sounded

___ + ___ + ___ + ___ + ___ + $\underline{1}$ + ___ + ___ + ___ = $\underline{13}$

like a herd of elephants leaving the school.

___ + ___ + ___ + ___ + ___ + ___ + ___ + ___ = $\underline{11}$

One U. S. dollar is equal to one hundred cents.

___ + ___ + ___ + ___ + ___ + skip + ___ + $\underline{1}$ + ___ + ___ = ___

The police suspected foul play in the sudden

$\underline{1}$ + $\underline{2}$ + skip + ___ + $\underline{1}$ + ___ + ___ + ___ = $\underline{9}$

disappearance of Jimmy Hoffa.

___ + ___ + ___ + skip = $\underline{7}$

Each cell is surrounded by a membrane and contains

___ + ___ + ___ + ___ + ___ + ___ + ___ + ___ + skip = $\underline{11}$

a nucleus.

___ + ___ = $\underline{4}$

Mr. Jackson and his son went to see the Braves

skip + $\underline{2}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ + $\underline{1}$ = $\underline{10}$

play last night.

$\underline{1}$ + $\underline{1}$ + $\underline{1}$ = $\underline{3}$

Name: _____

Write the NUM-BER of SYL-LA-BLES under each word.

Superheroes can be forgetful after doing good deeds all
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 16

day. For example, the Invisible Man had a bad habit.
1 + _ + _ + _ + _ + _ + _ + _ + _ + _ = 16

He remained invisible when he went home for dinner. His
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 15

family thought it was funny. They knew their dad was
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 13

home when food at the table began disappearing.
 _ + _ + _ + _ + _ + _ + _ + 4 = 13

American soldiers in Iraq served well. They sacrificed a
 skip + skip + _ + skip + _ + _ + _ + _ + _ = _____

lot. It was hard to be away from their families.
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = _____

Children missed their parents. Everyone looked forward to
 _ + _ + _ + _ + _ + _ + _ + _ + _ = _____

the soldiers coming home.
 _ + skip + _ + _ = _____

His constant interruptions began to tax my patience.
1 + 2 + skip + 2 + 1 + 1 + 1 + 2 = 10

Tanya spent her summer working as a maid at the
 skip + 1 + 1 + 2 + 2 + 1 + 1 + 1 + 1 + 1 = 11

beach resort.
1 + 2 = 3

Name: _____

Write the NUM-BER of SYL-LA-BLES under each word.

The fuzzy grizzly bear was tired of drinking cold stream
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 13

water. When a hiker left an energy drink along the
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 15

side of the trail, the big bear grabbed it. It was
 _ + _ + _ + _ + _ + _ + _ + _ + _ + _ + _ = 11

a little hard for him to open the can with his
 _ + _ + _ + 1 + _ + _ + 2 + _ + _ + _ + _ = 13

long nails, but after trying for several minutes, he
 _ + _ + _ + _ + _ + _ + _ + _ + _ = 14

succeeded. The grizzly began to guzzle the drink. Soon
 skip + _ + _ + _ + _ + _ + _ + _ + _ = 11

the grizzly was galloping along the trail with great glee!
 _ + _ + _ + skip + _ + _ + _ + _ + _ + 1 = 11

The sound of the doorbell jarred him out of his
1 + 1 + 1 + 1 + 2 + 1 + 1 + 1 + 1 + 1 = 11

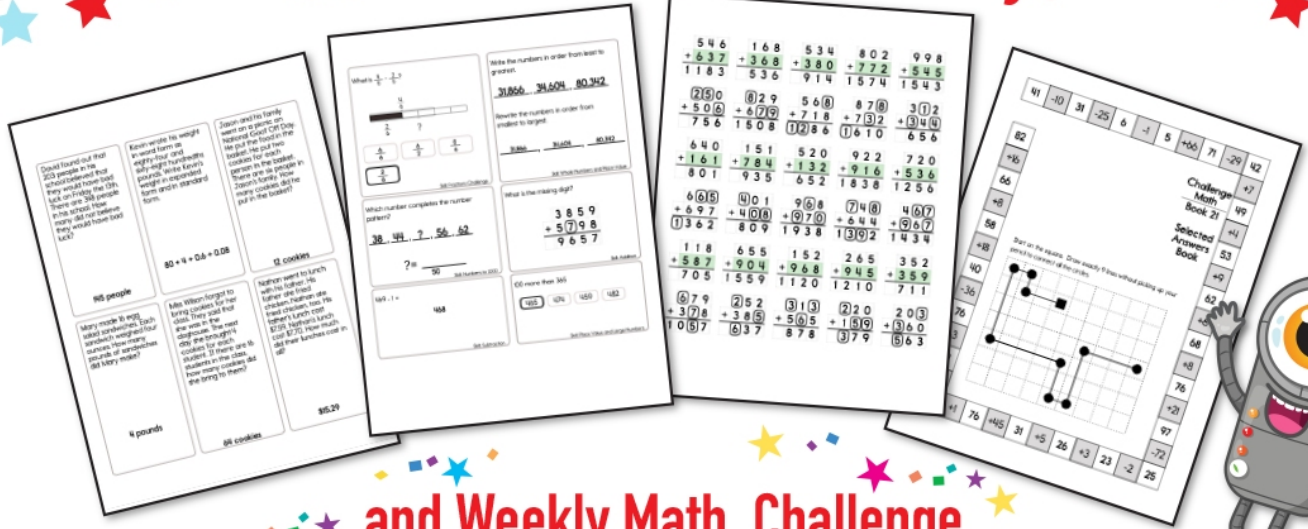
daze, and he got to his feet and hurried to
1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + skip + 1 = 9

answer the door.
2 + 1 + 1 = 4

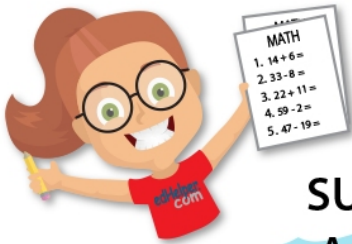
We have to do something more to solve the
1 + 1 + 1 + 1 + 2 + 1 + 1 + 1 + 1 = 10

problem than just wring our hands in despair.
2 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 2 = 10

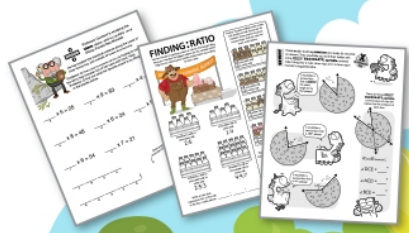
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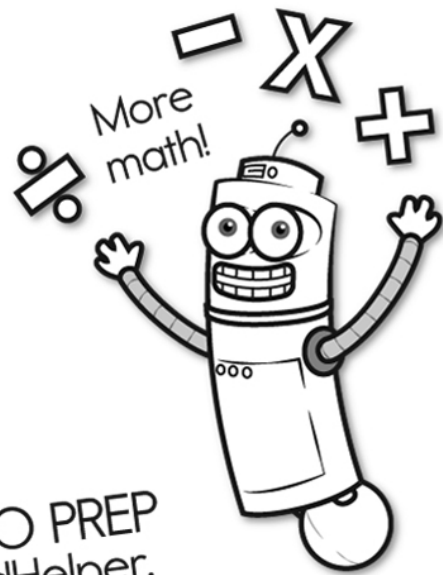
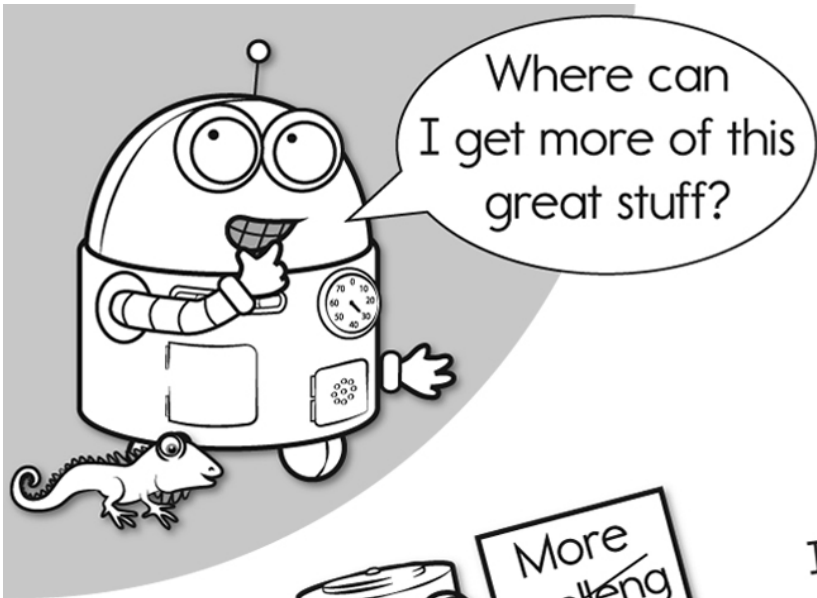
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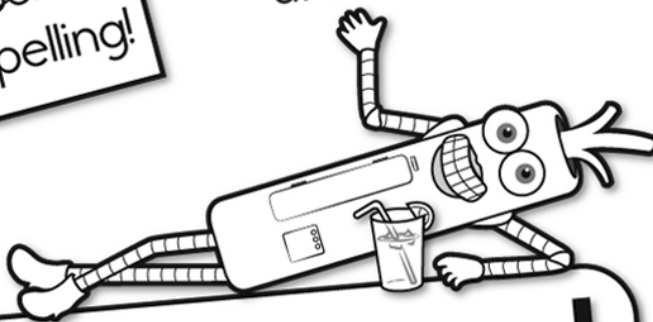


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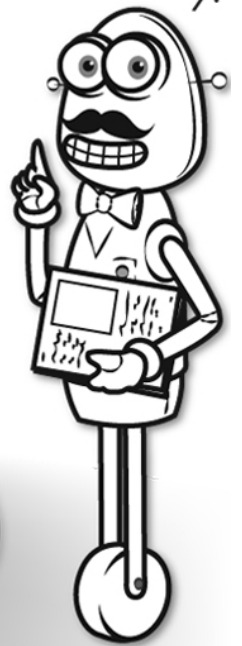


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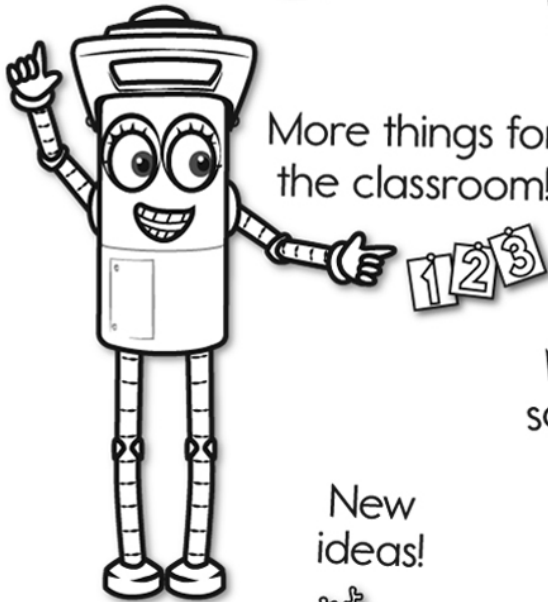
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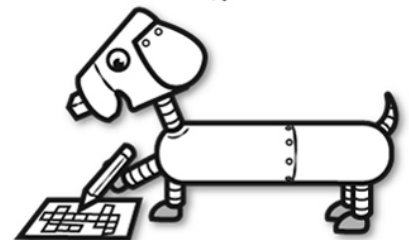


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+ =
- ÷ < - >

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