

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

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

**A**

75	<b>78</b>	53
42	54	18
<b>8</b>	<b>86</b>	85

Find an  
addition fact.

**B**

47	23	<b>14</b>
92	17	67
77	81	7

Find an  
addition fact.

**C**

60	27	14
<b>22</b>	17	79
86	88	39

Find an  
addition fact.

Equations:

Write the equation facts you found.

<b>A</b>	<b>8</b>	<b>+</b>	<b>78</b>	<b>=</b>	<b>86</b>
<b>B</b>	<b>14</b>	<b>+</b>		<b>=</b>	
<b>C</b>	<b>22</b>	<b>+</b>		<b>=</b>	

What place value does the 2  
have in 12,836?

\_\_\_\_\_

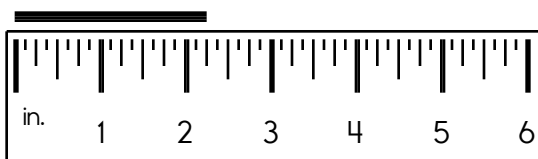
Which is smaller,  $\frac{1}{3}$  or  $\frac{2}{3}$  ?

\_\_\_\_\_

$$9 \overline{)27}$$

Write the length in inches.

\_\_\_\_\_



What are 33 tens equal to?

\_\_\_\_\_

How many seconds are in  
one minute?

\_\_\_\_\_

$$\begin{array}{r} 50 \\ + 49 \\ \hline \end{array}$$

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Find 2 equations hidden in each box. Good luck!

1

8

7

6 - 0

9 - 1

6

5 - 5

8 - 4

Write 2 equations: \_\_\_\_\_

63  
6 x 7

2

3 x 6

3 x 4

4 x 2  
8

5 x 4

1 x 5

4

4 x 7

16

42

3 x 7

45

7 x 5

6

30

Write 2 equations: \_\_\_\_\_

13 + 8

64

6 + 70

104

42

60

12 + 7

5 + 55

55

22

14

78 + 6

9 + 32

91

88

87 + 8

95

3 + 36

100

69

7 + 40

9 + 41

Write 2 equations: \_\_\_\_\_

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

Rose went to the zoo to see the penguins. While she was there, she bought a T-shirt for \$16.59 and a drink for \$1.50. The ticket to the zoo cost \$3. How much did she spend in all?

Mrs. Lee makes baby quilts for the Cozy Cuddles Club. The club donates the quilts to the shelter. Last year she made 4 quilts each month. How many quilts did she make in the whole year?

You are given a secret number of 42,913,768.

Psst. Whisper the number in the ten millions place: \_\_\_\_\_

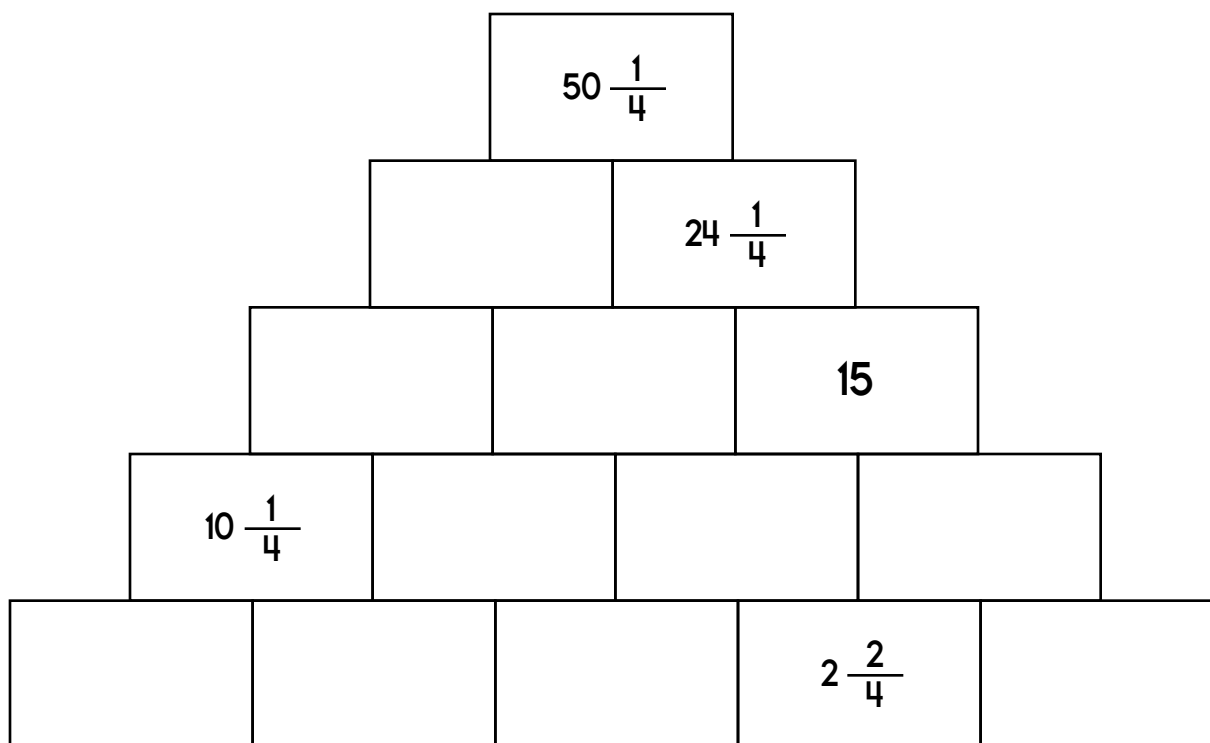
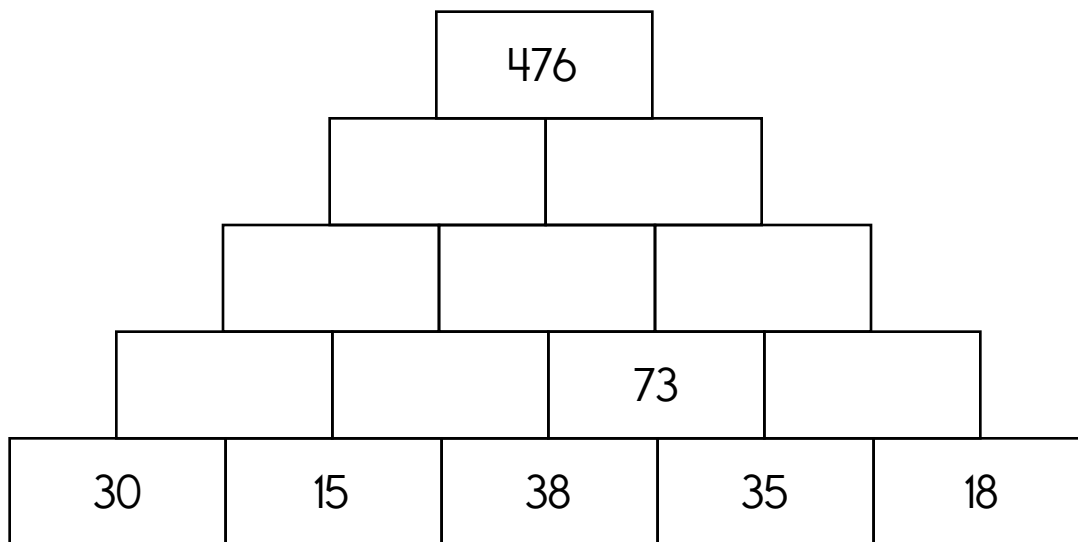
Psst. Whisper the number in the ten thousands place: \_\_\_\_\_

Psst. Whisper the number in the millions place: \_\_\_\_\_

Hunter never spends the coins he gets. He has 25 dimes. But that's nothing! He has 3 times as many nickels as dimes. How much money does he have in all?

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



How many days are in August?

\_\_\_\_\_

The factors of 6 are 1 2 \_\_\_\_

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<p>Emily went to Cullowhee Café and ordered a hamburger with lettuce, tomato, and mayonnaise on it, a small order of french fries, and a large drink. The total price was \$4.74. If she pays for her meal with a 10-dollar bill, how much change will she get?</p>	<p>The fifth grade students are having a breakfast for their parents for Children's Good Manners Month. Rosa used a muffin pan to make 5 batches of muffins. Then she made 2 extra muffins. She made 52 muffins in all. How many muffins does the muffin pan hold?</p>	<p>Mrs. Moore needs 12 bees to start a colony. She wants to make 5 colonies. How many bees does she need in all?</p>
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$\begin{array}{r} 72 \\ + 32 \\ \hline \end{array}$	<p>If <math>\square = 9</math>, then <math>\square - 1 =</math> _____</p>	<p>What are 10 tens equal to?</p> <p>_____</p>
---	---	--

$\begin{array}{r} 69 \\ + 31 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ + 85 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ + 80 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ + 20 \\ \hline \end{array}$	$\begin{array}{r} 59 \\ + 73 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ + 36 \\ \hline \end{array}$
---	---	---	---	---	---

<p>Is 74 closer to 70 or 80?</p> <p>_____</p>	<p>List the first four multiples of 8.</p> <p>_____</p>	<p><input type="radio"/> carge</p> <p><input type="radio"/> churga</p> <p><input type="radio"/> cherge</p> <p><input type="radio"/> charge</p>
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Do parallel lines intersect?

\_\_\_\_\_

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### 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
---	---

	4	2	6		
				5	
6	3				5
	2				3
		1			6

What temperature is eighteen degrees above freezing in Celsius?

\_\_\_\_\_

Write an even number with an eight in the tens place.

\_\_\_\_\_

What fraction of the box is shaded?


$\frac{\square}{4}$

Write the number with 3 hundreds and 2 thousands.

\_\_\_\_\_

What is the first month with 31 days?

\_\_\_\_\_

How many syllables are in the word "organizer"?

\_\_\_\_\_

Write the number for one thousand, fifty-nine.

\_\_\_\_\_

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

$$\begin{array}{r} 51 \\ - 41 \\ \hline \end{array}$$

---

$$38 + 33 = \underline{\hspace{2cm}}$$


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---

$$7 \times 9 = \underline{\hspace{2cm}}$$

$$4 \times 1 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$$

$$6 \times 9 = \underline{\hspace{2cm}}$$

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

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

---

---

$$\begin{array}{r} 54 \\ + 75 \\ \hline \end{array}$$

there, when, through, to

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$$\begin{array}{r} 361 \\ + 368 \\ \hline \end{array}$$

$$\begin{array}{r} 669 \\ - 209 \\ \hline \end{array}$$

$$\begin{array}{r} 1,339 \\ - 399 \\ \hline \end{array}$$

$$\begin{array}{r} 1,083 \\ - 349 \\ \hline \end{array}$$

$$\begin{array}{r} 754 \\ + 706 \\ \hline \end{array}$$

$$\begin{array}{r} 416 \\ + 548 \\ \hline \end{array}$$

$$\begin{array}{r} 875 \\ - 153 \\ \hline \end{array}$$

$$\begin{array}{r} 1,790 \\ - 915 \\ \hline \end{array}$$

$$\begin{array}{r} 164 \\ + 295 \\ \hline \end{array}$$

$$\begin{array}{r} 205 \\ + 720 \\ \hline \end{array}$$

$$\begin{array}{r} 479 \\ + 184 \\ \hline \end{array}$$

$$\begin{array}{r} 779 \\ - 283 \\ \hline \end{array}$$

$$\begin{array}{r} 904 \\ + 250 \\ \hline \end{array}$$

$$\begin{array}{r} 1,448 \\ - 466 \\ \hline \end{array}$$

$$\begin{array}{r} 1,767 \\ - 836 \\ \hline \end{array}$$

$$\begin{array}{r} 806 \\ + 298 \\ \hline \end{array}$$

$$\begin{array}{r} 852 \\ + 385 \\ \hline \end{array}$$

$$\begin{array}{r} 864 \\ - 751 \\ \hline \end{array}$$

$$\begin{array}{r} 808 \\ - 291 \\ \hline \end{array}$$

$$\begin{array}{r} 993 \\ + 981 \\ \hline \end{array}$$

$$\begin{array}{r} 748 \\ + 920 \\ \hline \end{array}$$

$$\begin{array}{r} 1,692 \\ - 729 \\ \hline \end{array}$$

$$\begin{array}{r} 899 \\ + 158 \\ \hline \end{array}$$

$$\begin{array}{r} 1,372 \\ - 716 \\ \hline \end{array}$$

$$\begin{array}{r} 1,256 \\ - 981 \\ \hline \end{array}$$

$$\begin{array}{r} 1,376 \\ - 874 \\ \hline \end{array}$$

$$\begin{array}{r} 893 \\ + 346 \\ \hline \end{array}$$

$$\begin{array}{r} 594 \\ + 808 \\ \hline \end{array}$$

$$\begin{array}{r} 1,033 \\ - 694 \\ \hline \end{array}$$

$$\begin{array}{r} 974 \\ + 267 \\ \hline \end{array}$$

$$\begin{array}{r} 1,348 \\ - 507 \\ \hline \end{array}$$

$$\begin{array}{r} 687 \\ - 318 \\ \hline \end{array}$$

$$\begin{array}{r} 966 \\ - 793 \\ \hline \end{array}$$

$$\begin{array}{r} 975 \\ + 633 \\ \hline \end{array}$$

$$\begin{array}{r} 880 \\ + 125 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 9 \\ \hline \square \\ - 2 \end{array}$$

$$\begin{array}{r} 21 \\ + \square \\ \hline 26 \end{array}$$

$$\begin{array}{r} - 4 \\ \hline \square \\ + 5 \end{array}$$

$$\begin{array}{r} - 4 \\ \hline \square \\ + 7 \end{array}$$

$$\begin{array}{r} + 6 \\ \hline \square \\ - 36 \end{array}$$

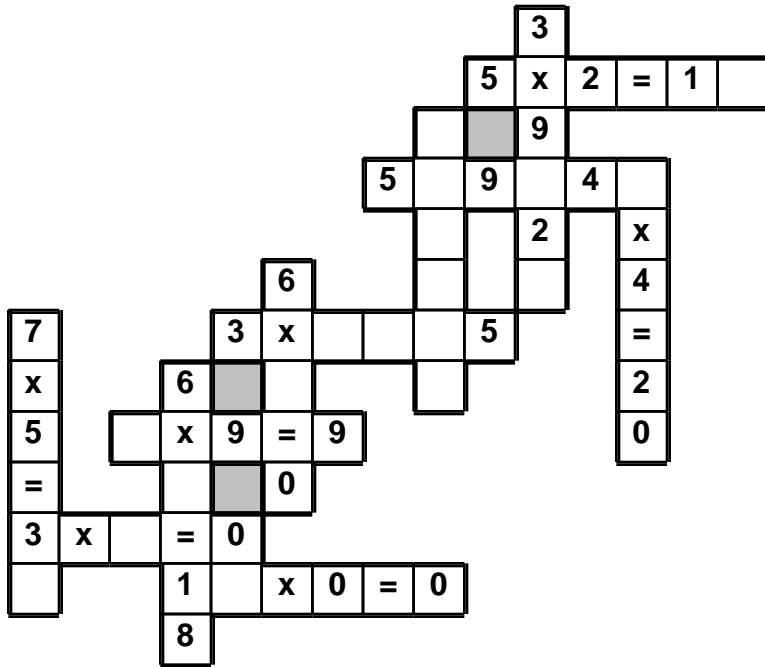
$$\begin{array}{r} 28 \\ + \square \\ \hline 34 \end{array}$$



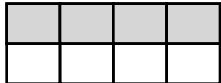
Name: \_\_\_\_\_

0 • 9 • x • = • 5 • 2 • = • 7 • 5 • = • 1 • 0 • 8 • 1 • 3 • 0  
5 • 1

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



Write a fraction to represent what is shaded.



What is the value of the BIG digit?

6,459,9**9**5

across →

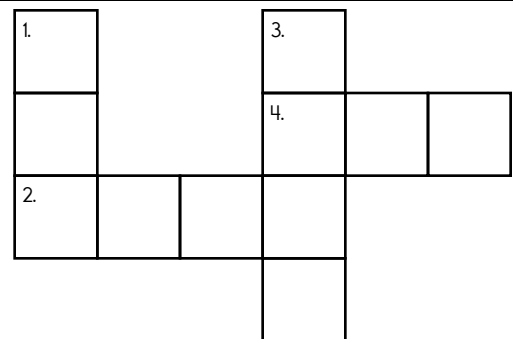
down ↓

2.  \_\_\_\_ai\_\_\_\_

1.  n\_\_\_\_

4.  \_\_\_\_e

3.  w\_\_\_\_l



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

Which answer has the least unit size?

- A) 63 pt
- B) 3 gal
- C) A and B are equal.

Counting by tens, which number comes after 70 but before 90?

- A) 80
- B) 60
- C) 90
- D) 800

Bill's bedroom is exactly 15 feet by 21 feet. If Bill wants to put a carpet on the floor, how much carpeting is needed?

- A) 797 square feet
- B) 432 square feet
- C) 315 square feet
- D) 1260 square feet

$7 \times 6 =$

- A) 98
- B) 42
- C) 128
- D) 46

What number should replace the \_\_\_\_\_ in both of the following sentences?

$$24 - \underline{\hspace{1cm}} = 15$$
$$11 + \underline{\hspace{1cm}} = 20$$

- A) 13
- B) 4
- C) 5
- D) 9

The diameter of a circle painted by Jane is 3 feet. What is the length of its radius?

- A) 6 feet
- B) 15 feet
- C) 24.5 feet
- D) 1.5 feet

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		+		+		=	
	C		A		B		14
+							
	A		A		B		11
=							
		9	?		10		

### Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + A = 9 \quad \_ + B = 10 \quad \_ + \_ + \_ = 14$$

$$\_ + \_ + \_ = 11$$

Additional hints:

$$C = A + 3 \quad A \text{ is the smallest.} \quad C < 9$$

### Show Work:

### Solve:

$$? = \_$$

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 7 in your head

double it

add 9

Add the tens digit to  
the ones digit.  
Write the sum.

\_\_\_\_\_  
A

imagine 8 in your head

double it

add 6

subtract 6

subtract 7

subtract 9

Write the number.

\_\_\_\_\_  
B

imagine 2 in your head

add 5

double it

add 8

add 1

Write the tens digit.

\_\_\_\_\_  
C

imagine 2 in your head

multiply 4

subtract 5

add 7

double it

Write the tens digit.

\_\_\_\_\_  
D

What is the sum?

A + B + C + D

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_n\_\_\_\_\_

4 after 18 \_\_\_\_\_

6 before 15 \_\_\_\_\_

3 after 13 \_\_\_\_\_

2 after 17 \_\_\_\_\_

3 before 16 \_\_\_\_\_

5 after 14 \_\_\_\_\_

1 after 19 \_\_\_\_\_

1 before 11 \_\_\_\_\_

9 after 15 \_\_\_\_\_

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### What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.  
Put the clues together and solve the mystery of what is in the box.

A =rigid  
B =wild  
D =stare  
E =rich  
G =equip  
I =meddle  
L =pageant  
M =collect  
N =chair  
O =pastime  
R =injury  
S =sprinkle  
T =squall  
U =currency  
V =level

Clue 1: unruly money intrude parade peer fertile wound

  b     u   \_\_\_\_\_

Clue 2: storm wound fertile fertile drizzle

\_\_\_\_\_

Clue 3: peer stiff hoard drizzle

\_\_\_\_\_

Clue 4: wound intrude flat fertile wound

\_\_\_\_\_

Clue 5: wound hobby peer fertile seat storm

\_\_\_\_\_

### What's in the Box?

Circle the even numbers.

67	24	36	138
85	80	83	114
76	61	75	27

Fill in the missing fractions.

$\frac{1}{8}$  , \_\_\_\_\_ , \_\_\_\_\_ ,  $\frac{4}{8}$

☐ sachel

☐ satchel

☐ setchel

☐ sathel

Add one hundred to 751.

\_\_\_\_\_

Which number is seven thousand nine hundred sixteen?

60,179	7,916
16,079	1,697

What is the area of a rectangle that measures 11 mm by 10 mm?

\_\_\_\_\_

If B = 3, then what does B + 6 equal?

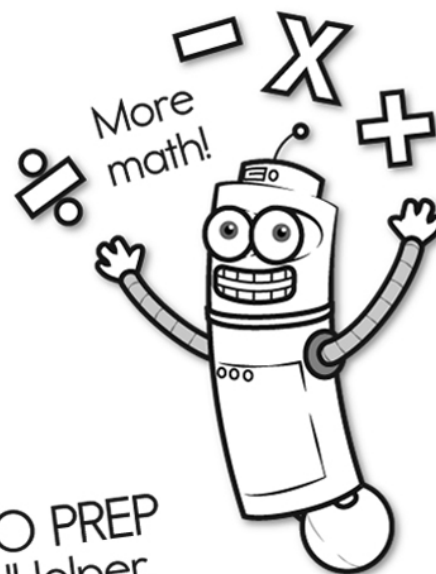
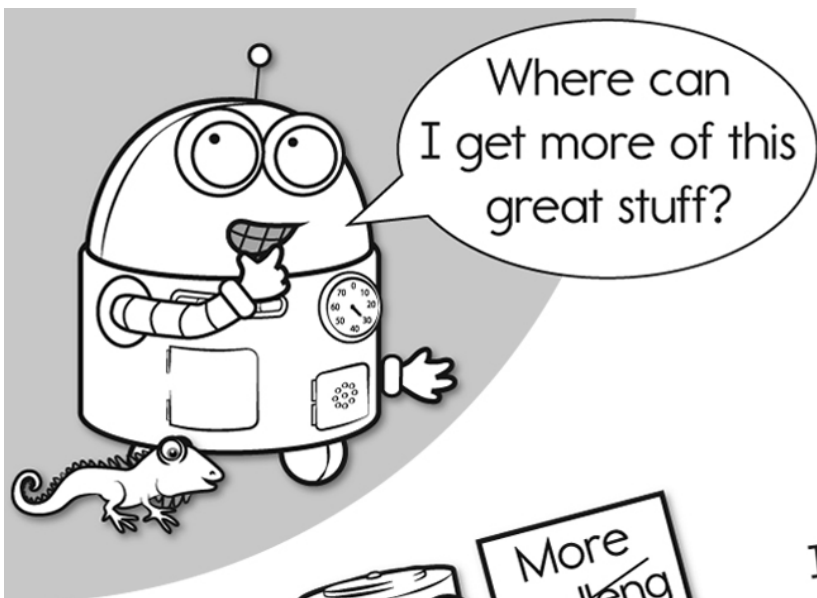
\_\_\_\_\_

7  $\overline{)42}$

3  $\overline{)15}$

word root **bene** can mean **good**

**benefactor, benevolent**

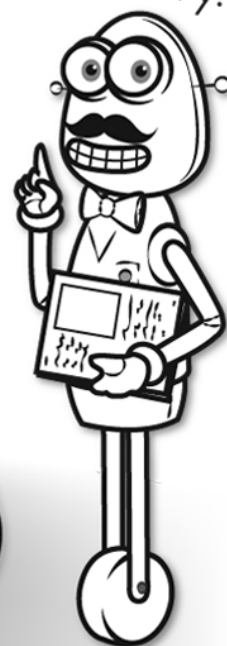


It's NO PREP  
at edHelper.

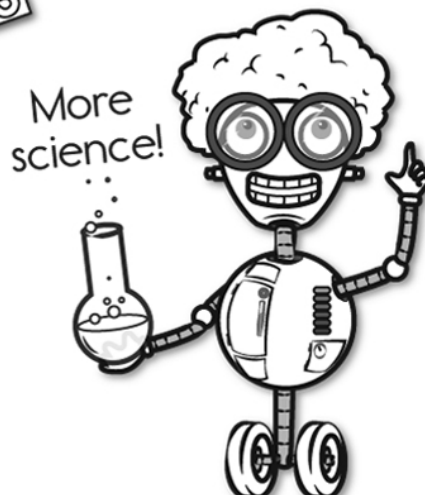
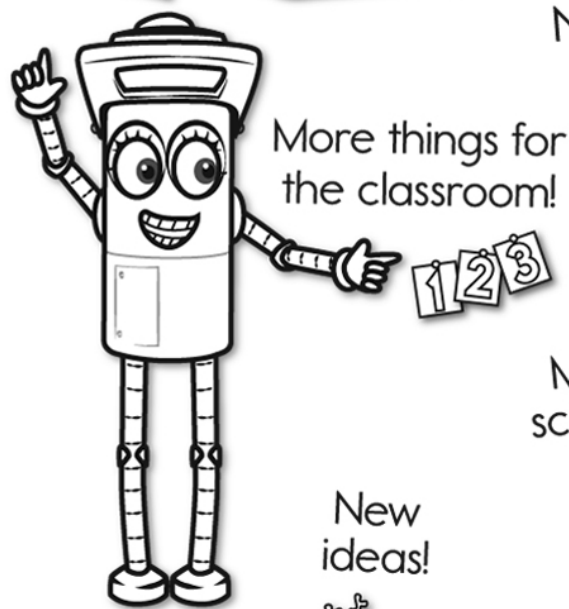
More  
history!



# edHelper.com!



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games!



New  
ideas!



x  
+ =  
- ÷  
< >

More  
puzzles!

