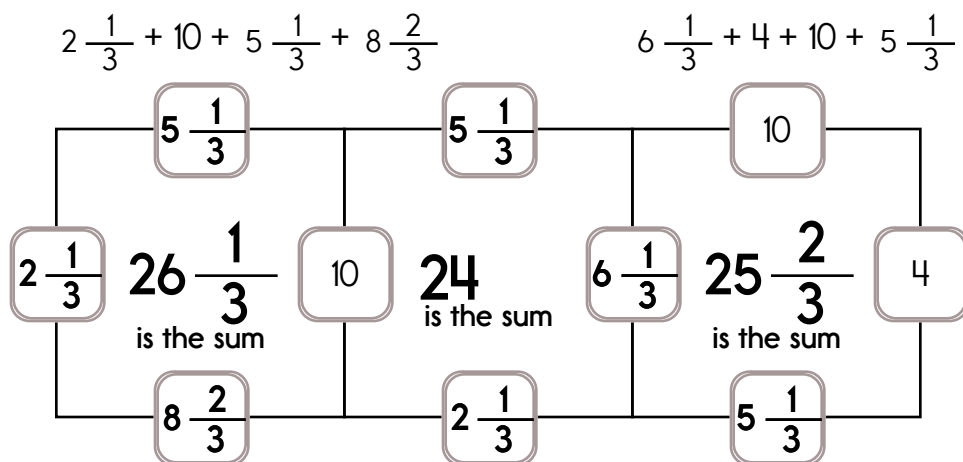


Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

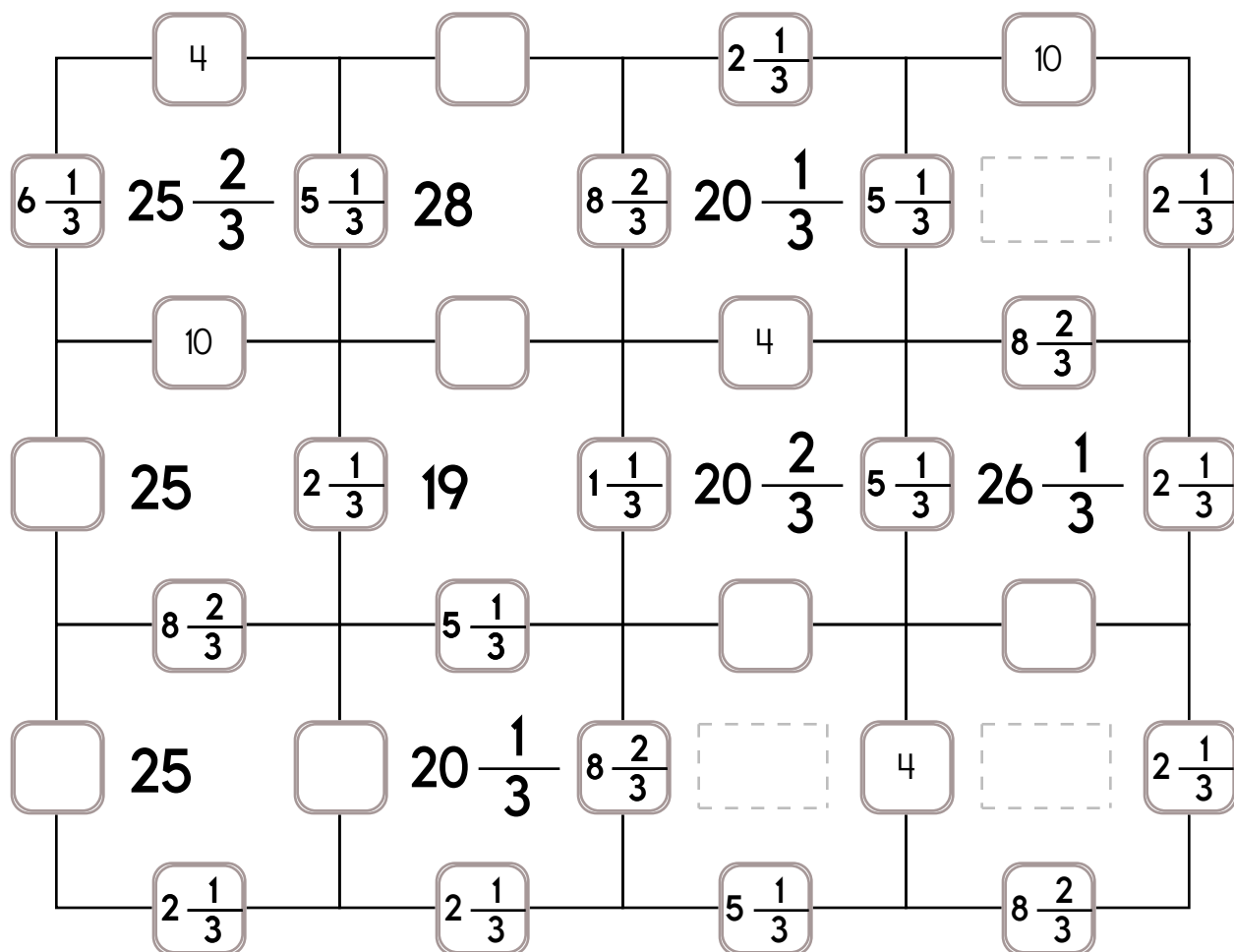
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $6\frac{1}{3}$, $8\frac{2}{3}$, or $1\frac{1}{3}$.

The other three numbers have to all be DIFFERENT and must be from these: $2\frac{1}{3}$, $5\frac{1}{3}$, 10, or 4.



Exactly one of the four numbers has to be one of these numbers: $\frac{1}{4}$, $7\frac{1}{4}$, or $3\frac{3}{4}$.

The other three numbers have to all be DIFFERENT and must be from these: $9\frac{1}{2}$, 6, 11, 4, or $4\frac{1}{2}$.

[illegible]

Name: _____

On Friday, Saturday, and Sunday the Reynolds Register sold a total of 9,405 newspapers. It sold 4,601 newspapers on Friday and 3,372 newspapers on Saturday. How many newspapers did the Reynolds Register sell on Sunday?

Sarah is making popcorn balls. She wants to make fifteen popcorn balls. It takes four cups of popcorn to make five popcorn balls. How many cups of popcorn will she need for fifteen popcorn balls?

Unscramble these letters to spell a two-digit number with two different digits.

gfitihyf-te _____ (58)

ytsvennien-e _____

"How many buildings are yours?" asked Sarah as they were playing the Build as Fast as You Can game, which is the best new game on their HBox.

"Not telling!" replied April.

Sarah would have to use the clue on the screen. If she can guess correctly, she will get 50 more points. The clue said, "If you double the number of buildings that Sarah has, Sarah will have 7 less than the number of buildings that April has. Start building fast!"

Sarah has 12 buildings. How many buildings does April have?

Name: _____

Mental Math

— #1 —

☺ Start with the number 629.

629



☺ Add the number of cups in 2 quarts.

3 9 1 5 6 3 7 9 4 3 (Circle your answer to double check you are correct.)

☺ Subtract 8.

7 3 6 2 9 6 3 4 4 1

☺ Add the number of ounces in 1 pound.

5 0 7 5 6 6 4 5 3 9

☺ Subtract 9.

5 3 1 6 3 6 3 3 2 6

☺ Round that number to the nearest ten.

6 4 0 7 6 1 3 5 1 6

☺ Divide by 10.

6 3 8 4 4 6 9 6 4 9

☺ Add the number of inches in 2 feet.

8 0 6 1 3 3 8 8 4 8

☺ Divide that number in half.

3 4 4 3 1 5 6 3 7 7

☺ Add half of 26.

1 7 8 8 6 5 5 7 2 5

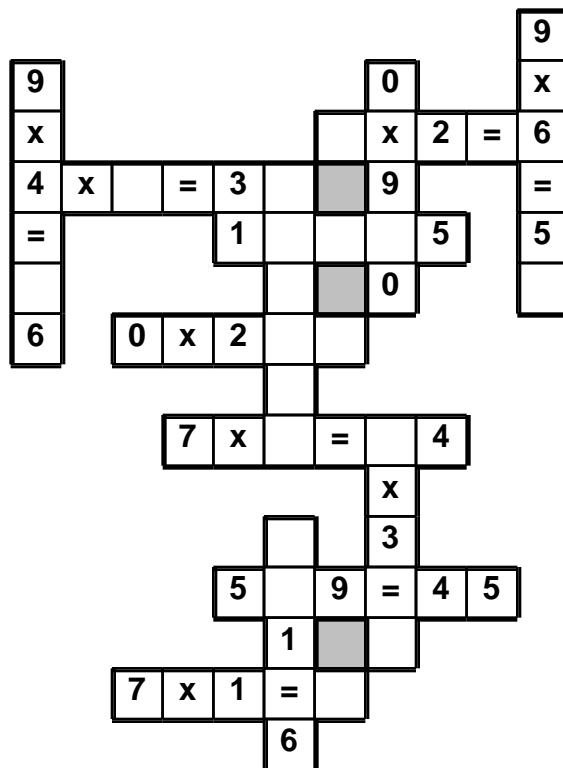
☺ Add the number of days in a week.

6 4 4 0 3 8 9 3 8 6

Name: _____

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

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



$$61 + 21 = \underline{\hspace{2cm}}$$

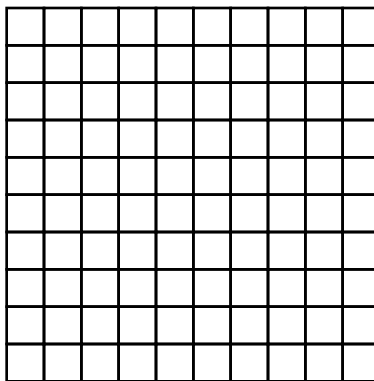
If you add 5 to me, the sum is 84. What number am I?

$$\begin{array}{r} 60 \\ + 75 \\ \hline \end{array}$$

What is the mode of these numbers?

17, 26, 26, 27, 24, 25, 29, 17, 26, 27

Color $\frac{24}{100}$.



How many thirds are in 4?

Do parallel lines intersect?

Name: _____

Fill in the blanks with
these numbers:
1, 7, 3

4

7

$$\begin{array}{r} + \quad 4 \quad \boxed{} \\ \hline 9 \quad 8 \end{array}$$

Fill in the blanks with
these numbers:
1, 5, 7

2

3

$$\begin{array}{r} + \quad 3 \quad 7 \\ \hline 9 \quad \boxed{} \end{array}$$

Write the unshaded part as a decimal.



$$57 - 6 = \underline{\hspace{2cm}}$$

What are 10 equal to?

☐ bush

☐ bish

☐ besh

☐ buh

Which is larger, $\frac{5}{6}$ or $\frac{4}{6}$?

Write 297 in expanded
notation.

$$\begin{array}{r} 77 \\ - 56 \\ \hline \end{array}$$

Fill in the missing fraction.

$$\frac{1}{10} , \underline{\hspace{1cm}} , \frac{3}{10} , \frac{4}{10}$$

Write two odd numbers that
when added together equal
the even number 14.

Write the correct symbol.

< = >

959 ☐ 1,959

$$7 \overline{)21}$$

Calculate the product of 7
and 5.

$$2 \overline{)4}$$

$$8 \overline{)64}$$

$$\begin{array}{r} 76 \\ 16 \\ + 73 \\ \hline \end{array}$$

Name: _____

Write four words to describe these boys.

1. _____
2. _____
3. _____
4. _____



©edHelper

What is the third month with 31 days?

If $\square = 9$, then $\square - 5 =$ _____

$$\begin{array}{r} 46 \\ + 19 \\ \hline \end{array}$$

How many hours are in one day?

If thirty crayons are divided into ten equal rows, how many crayons are in each row?

$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$

Make a pattern.
Start with 12.
Add 5.

_____, _____, _____, _____, _____, _____

It is 45 degrees Fahrenheit outside. What would you wear if you are going outside?

$$9 \times 11 = \underline{\hspace{2cm}}$$

$$1 \times 12 = \underline{\hspace{2cm}}$$

$$11 \times 10 = \underline{\hspace{2cm}}$$

$$11 \times 2 = \underline{\hspace{2cm}}$$

$$3 \overline{)12}$$

Name: _____

$$\begin{array}{r} 7,600 \\ - 6,590 \\ \hline \end{array}$$

$$\begin{array}{r} 15,686 \\ - 7,455 \\ \hline \end{array}$$

$$\begin{array}{r} 1,948 \\ + 1,797 \\ \hline \end{array}$$

$$\begin{array}{r} 15,433 \\ - 6,056 \\ \hline \end{array}$$

$$\begin{array}{r} 9,661 \\ + 9,502 \\ \hline \end{array}$$

$$\begin{array}{r} 2,680 \\ + 3,376 \\ \hline \end{array}$$

$$\begin{array}{r} 8,375 \\ + 6,929 \\ \hline \end{array}$$

$$\begin{array}{r} 12,542 \\ - 6,702 \\ \hline \end{array}$$

$$\begin{array}{r} 14,468 \\ - 6,344 \\ \hline \end{array}$$

$$\begin{array}{r} 8,749 \\ + 9,274 \\ \hline \end{array}$$

$$\begin{array}{r} 8,156 \\ - 6,063 \\ \hline \end{array}$$

$$\begin{array}{r} 9,633 \\ + 5,513 \\ \hline \end{array}$$

$$\begin{array}{r} 12,932 \\ - 7,920 \\ \hline \end{array}$$

$$\begin{array}{r} 18,675 \\ - 9,247 \\ \hline \end{array}$$

$$\begin{array}{r} 8,587 \\ - 6,666 \\ \hline \end{array}$$

$$\begin{array}{r} 3,419 \\ + 6,248 \\ \hline \end{array}$$

$$\begin{array}{r} 8,504 \\ + 2,491 \\ \hline \end{array}$$

$$\begin{array}{r} 5,344 \\ + 3,495 \\ \hline \end{array}$$

$$\begin{array}{r} 8,509 \\ - 5,252 \\ \hline \end{array}$$

$$\begin{array}{r} 10,199 \\ - 4,120 \\ \hline \end{array}$$

$$\begin{array}{r} 10,522 \\ - 7,005 \\ \hline \end{array}$$

$$\begin{array}{r} 3,970 \\ + 6,560 \\ \hline \end{array}$$

$$\begin{array}{r} 5,473 \\ + 1,136 \\ \hline \end{array}$$

$$\begin{array}{r} 6,081 \\ + 8,232 \\ \hline \end{array}$$

$$\begin{array}{r} 1,672 \\ + 7,548 \\ \hline \end{array}$$

$$\begin{array}{r} 12,774 \\ - 4,498 \\ \hline \end{array}$$

$$\begin{array}{r} 12,713 \\ - 5,972 \\ \hline \end{array}$$

$$\begin{array}{r} 8,383 \\ + 5,407 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 2 \\ \hline 27 \\ - \square \end{array}$$

$$\begin{array}{r} 23 \\ + \square \\ \hline 27 \\ - \square \end{array}$$

$$\begin{array}{r} 20 \\ + 4 \\ \hline \square \end{array}$$

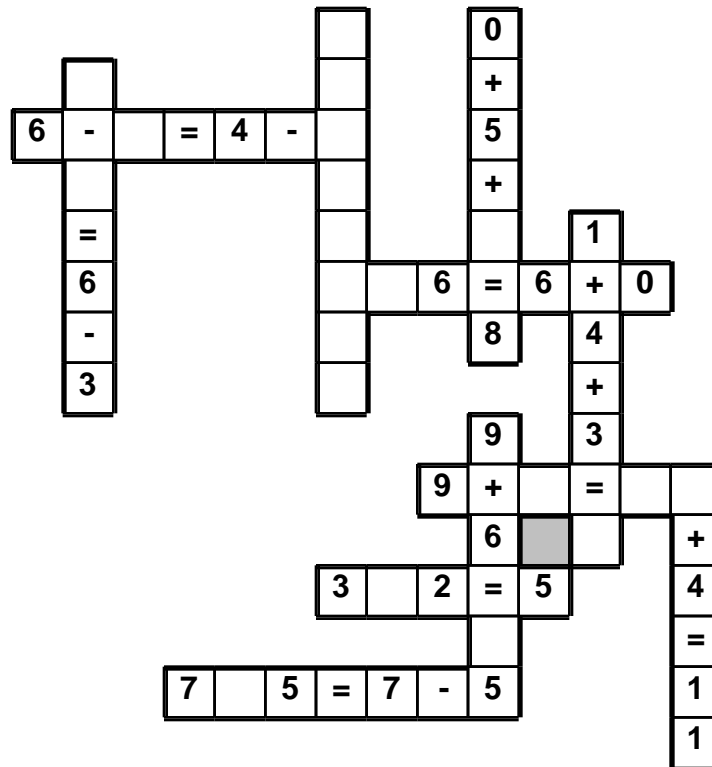
$$\begin{array}{r} + 8 \\ \hline 32 \\ - \square \end{array}$$

$$\begin{array}{r} 30 \\ + \square \\ \hline 36 \end{array}$$

Name: _____

4 • 3 • - • 4 • 2 • 0 • = • 1 • 3 • 0 • + • - • 8 • 8 • 1 • 7 • 8
+ • 1 • -

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



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.

Make a Word

Sum

1 2 6 10
G A I N

3

1 2 4 6 10 16
H E

1 2 4 6 8 12 18
I

Make a Word

Sum

1 2 4 8
O

1 2 4 6 12 18
T A

1 2 6 10
H U

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$17.16 any way you want!

Make \$42.43 any way you want!

Make \$45.23 any way you want!

Make \$16.18 any way you want!

What is half of 24?

Which number is one thousand, six hundred twenty-four?

1,624 16,240

4,621 2,416

word root **dis** can mean **apart or opposite of**

dissect, dissonant, distortion

Name: _____

1 is written with an I.

5 is written with a V.

10 is written with an X.

50 is written with an L.

100 is written with a C.

You cannot have 4 of the same letter consecutively.

4 is written as IV.

9 is written as IX.

40 is written as XL.

So you cannot write 44 like this: XXXXIIII.

But you would write 44 like this: XLIV.

Write the number as a Roman numeral and then find the Roman numeral.

Roman Numerals

I = _____

IV = _____

VII = _____

IX = _____

XI = _____

XIV = _____

XVII = _____

XIX = _____

XLI = _____

3 _____
XVIIIIXXIV
VIIIXLIVXXI

7 _____
VVVIVIIIII
VVIIXIXIVV

8 VIII
LVXIIIVIIIII
IVIIIXVXXII

5 _____
VXIIIIXXXVX
IVVIIIXLIII

12 _____
XIIIVILIXIIX
XXVIXIIXXV

6 _____
VIIIIVXIIII
XVIVIVXLIX

13 _____
IXIIIIXXXVII
XXLIIXIIIXIX

14 _____
VIIIVXIVLVX
XIVXXXIIIXX

24 XXIV
XXIIXXIVXII
XIXIXXXIVXI

18 _____
XXXIIXVIIIX
XVIIIXIXIII

49 _____
IXXXIVXLIXX
IVIIIXLIXXVI

30 _____
XXXIIXXIXXX
XLIVXXXXIXI

16 _____
XVIIIIIIIIXI
IXXVIXXIVI

32 _____
XXXIIXVIIIX
XLVIXXXIIII

43 _____
XLIIIXXXXIII
XLIIIXXXVII

58 _____
LVIIIVIIIV
XLVIIIVIIIV

	4	6
X		6
<hr/>		

	5	3
X		2

	2	6
X		7

	7	9
X		8
<hr/>		

	6	8
X		4

	1	4	8	2
X				2

	8	1	6	8
X				9

	4	1	9	8
X				3
<hr/>				

Score	Group X Frequency	Group Y Frequency
1	3	0
2	3	3
3	3	3
4	5	3
5	0	9

[illegible]

A 3x3 grid representing a 3D coordinate system. The grid is divided into three horizontal layers. The top layer has a red square at (1,1) and a light pink square at (1,2). The middle layer has a light pink square at (2,1), a red square at (2,2), and a light pink square at (2,3). The bottom layer has a light pink square at (3,1), a red square at (3,2), and a light pink square at (3,3). The grid is labeled with 'X' at (2,2), '2' at (2,3), '0' at (3,3), '6' at (2,2), and '6' at (3,3).

Name: _____

What one-digit number is missing in this equation?

$$12 \times \underline{\quad} + 20 = 56$$

Write the least possible
3-digit number using only 2
different numbers.

Is 45 a composite or a
prime number?

$$12 \times 5 =$$

Which number has exactly
6 thousands?

$$28 + \underline{\quad} + 28 = 67$$

54, 66, _____, 90, 102,
114, 126, 138, 150, 162

What polygon has six sides?

On the line, write whether the group of
words is a sentence or a run-on.

Jan and Nan ran and ran.

Name: _____

	+	+	=	
	B	C	A	?
+	A	C	C	11
=				
	20	8	7	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + C = 8 \quad A + \underline{\quad} = 7 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 11$$

$$\underline{\quad} + \underline{\quad} = 20$$

Additional hints:

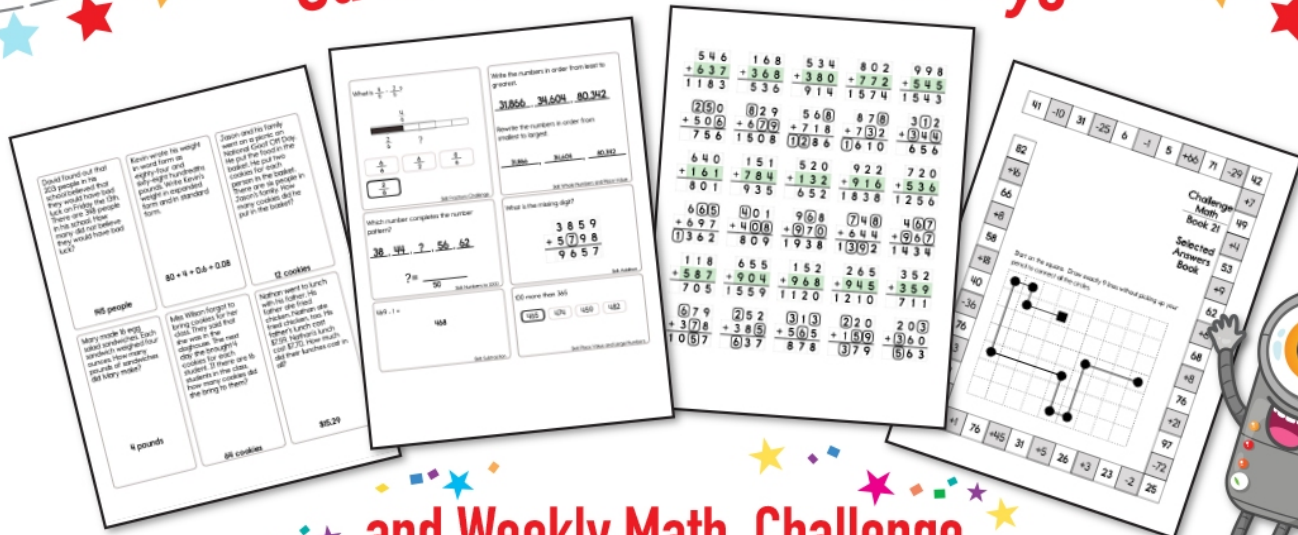
B is the largest. $A < 12$ $B = C + 13$

Show Work:

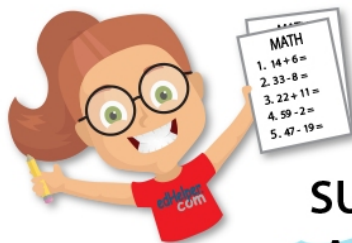
Solve:

$$? = \underline{\quad}$$

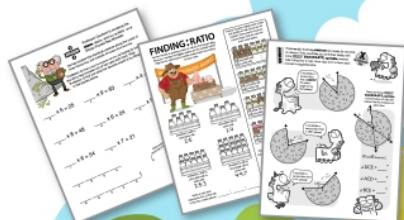
Subscribe to Get Answer Keys

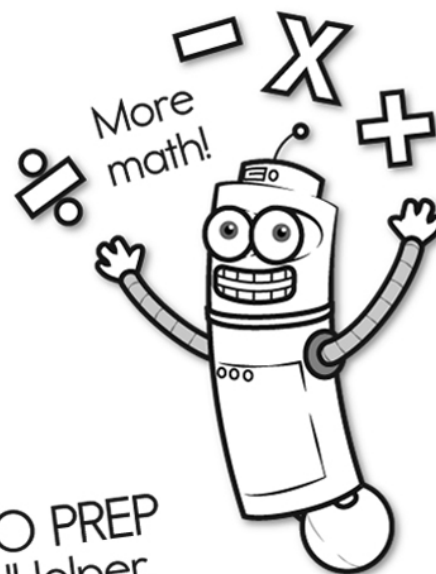
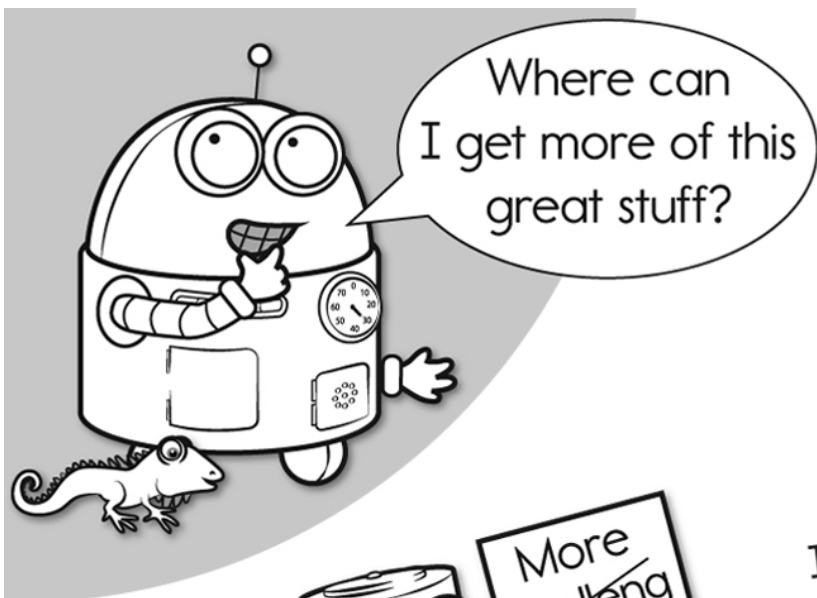


and Weekly Math, Challenge Workbooks, Posters, Daily Reading, and so much more!



SUBSCRIBE TO RECEIVE EVEN MORE
Answer Keys • Effective Activities • Access
to as many printables as you need!



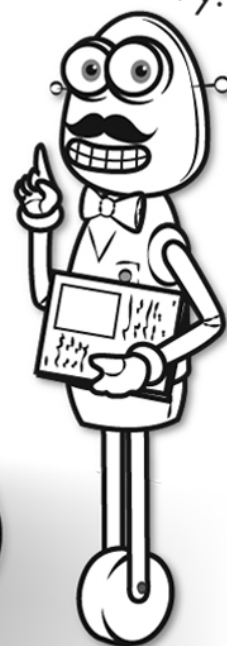


It's NO PREP at edHelper.

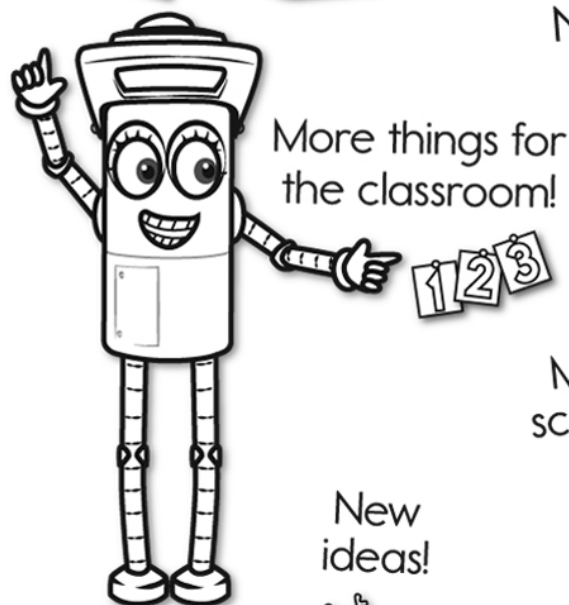
More history!



edHelper.com!



New online math games!



New ideas!



More science!



$\times = \div < >$

More puzzles!

