Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 9 = 10

2 , 11 = 13

3 , 13 = 16

4 , 17 = 21

Then

5 , 22 = ?

If

8 , 6 = 14

9 , 8 = 17

10 , 11 = 21

11 , 16 = 27

Then

12 , 18 = ?

Complete each pattern. Write what the rule is.

11, 13, 15, 19, 23, _____, _____,

43, 51, 61, 71, 83, 95, 109

15, 17, _____, _____, 27, 33, _____,

47, 55, 65, 75, 87, 99, 113

38, 40, 42, _____, _____, 56, 62, 70,

78, 88, _____, _____, 122, 136, 150, 166

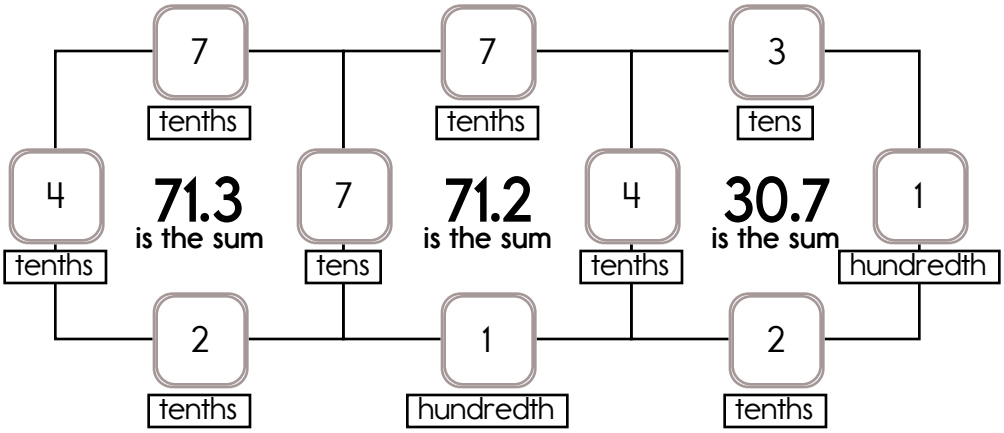
Name: _____

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

Example:
0.4 + 70 + 0.7 + 0.2 = 71.3

Example:
0.4 + 0.1 + 30 + 0.2 = 30.7

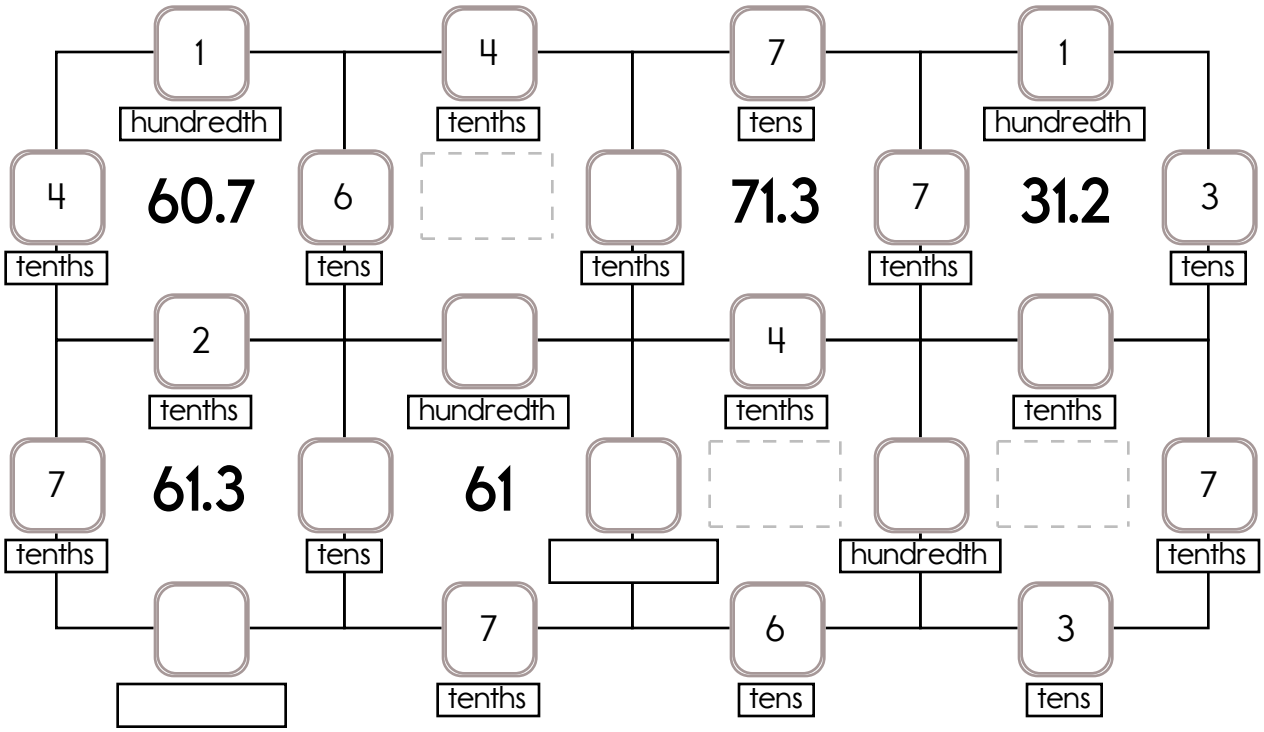
Sample:



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 tens, 7 tens, or 3 tens.

The other three numbers have to all be DIFFERENT and must be from these: 2 tenths, 4 tenths, 1 hundredth, or 7 tenths.



Name: _____

Amy wanted to make a chart illustrating the effects of static electricity. She used a sheet of poster board that was 18 inches wide and 54 inches long. She divided the poster board into six equal sections. What was the area of each section?

Robert likes chocolate ice cream. Yesterday he went to the store and bought one and one-fourth gallons of chocolate chip ice cream and one and a half gallons of chocolate ice cream. Ice cream costs $3.35 per half-gallon. How much did Robert pay?

"I can quickly divide a three-digit number by a two-digit number," Emma tells Alex.

"Yeah, sure," replies Alex. "Then what is 1078 divided by 49?"

Emma has a trick. She will distract Alex while you figure it out. Show your work!

Kevin was having so much fun making cupcakes for his class. He made $3\frac{1}{4}$ dozen of them! But there are only 22 kids in his class. Everyone ate one cupcake except for Wendy, who does not like cupcakes. How many cupcakes are left over?

word root **ex** can mean **out** **exit, exile**

Name: _____

Rosa is 1 year younger than Gavin. Erin is 5 years older than Gavin. Erin is 11 years older than Alex. Alex is 15 years old.

How old is everyone else?

Two prime numbers are each greater than 1 and less than 21. When these two prime numbers are added together, they have a sum of 24.

What are the two prime numbers?

Name: _____

Sudoku Sums of 6

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 6.

Here is an example of a sudoku sum of 6:

2	4

		1			
		6		5	
	2				5
6			4	2	
	4		6		

$$\begin{array}{r} 386 \\ -\ 169 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ -\ 24 \\ \hline \end{array}$$

The principal of your school wants to buy fifty-one books. Each book costs $10.50. She wants to estimate how much it will cost. Show her how you would estimate the cost:

$$\begin{array}{r} 35 \\ +\ 47 \\ \hline \end{array}$$

$$\begin{array}{r} 384 \\ +\ 209 \\ \hline \end{array}$$

Name: _____

Circle the smallest number:

96,541,807,238

605,497,123

8,219,847

13,095,764

14 lb = _____ oz

1 kg = 1,000 g

20 kg = _____ g

Circle the digit in the hundredths place.

6,975.1728

Write a letter that has a line of symmetry.

_____

Megan wants Anna to guess a two digit number. She tells Anna that her number has two different digits. The digits are 3 and 2. Anna thinks. She then guesses the number 23. What are the chances that Anna has guessed correctly?

Erin has two favorite numbers. If you add her favorite numbers, you get 24. If you multiply her favorite numbers, you get 95. What are her mystery numbers?

_____

How many feet are in 3 yards?

_____ feet

63 ÷ 9 =

What time is 13 hours after 5:00 a.m.?

_____

Circle the addition property for 39 + 163 = 163 + 39.

associative property

commutative property

(6 + 7) + 5 =

Circle the correctly spelled words.

moald, mold

pillow, pilloe

royal, roile

Circle the relative adverb.

how, who, when, we

Name: _____

Some vowels are missing in the word search.
Fill in the missing vowels and circle the words.

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

VIRTUE • MUD • PASTIME • MOLD
BUSHEL • CAPITAL • MUSCLE
BACON • DISCREET • BLUNT • GRIM
DEED • REGAIN • NOISY • RATIO
FRIGID

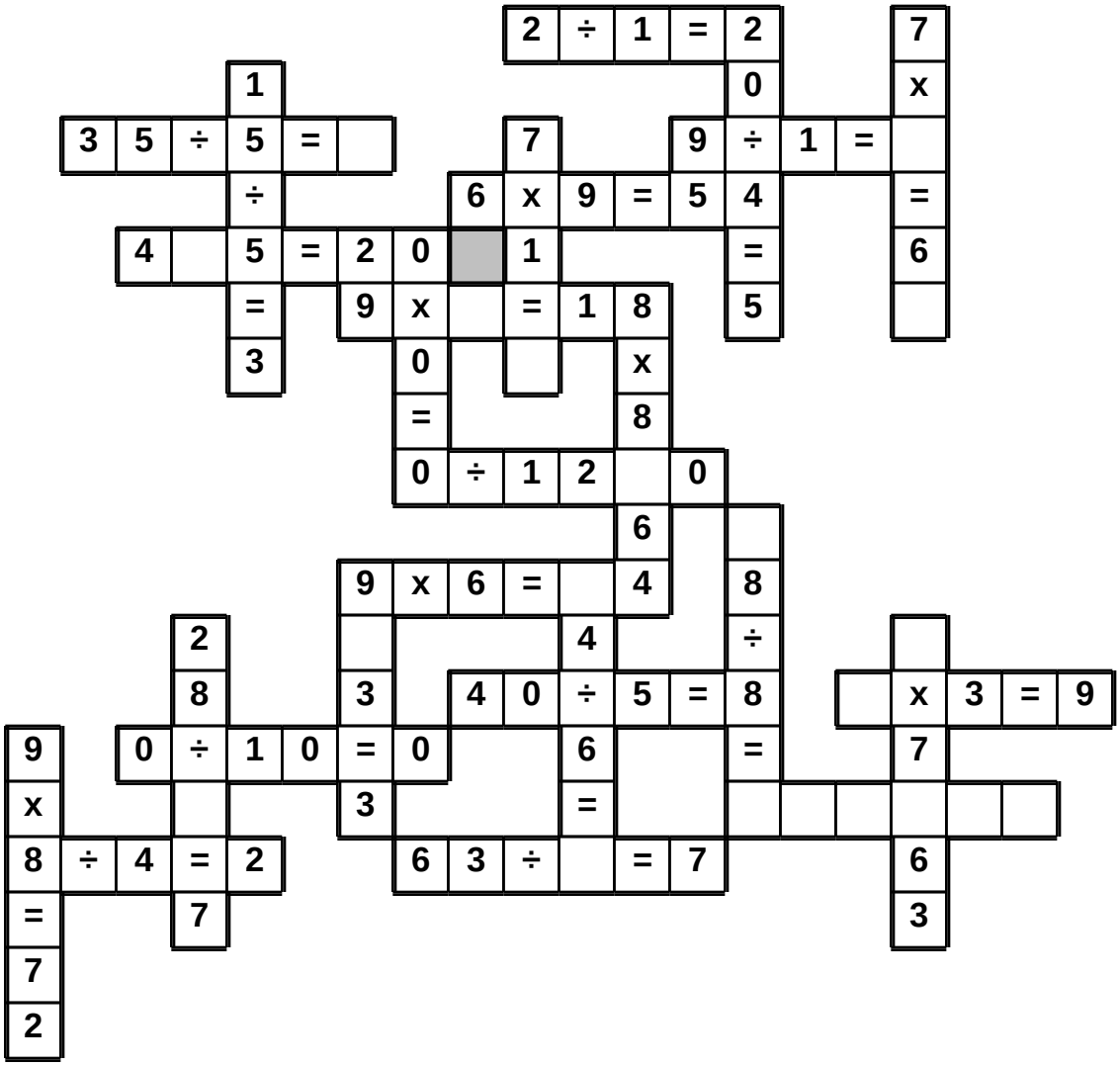
$77 \div 7 =$

Emma is making up her own calendar. The first month of her weird calendar is called Maffy. To make matters worse, she is giving Maffy a total of sixteen days. What is the least number of Mondays that can occur during Maffy? Show the month of Maffy.

Name: _____

7 • 9 • x • 2 • 3 • 7 • = • 4 • 5 • ÷ • 9 • 3 • 4 • 6 • x • 8 • = • 4 • 8 • 9

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



Write 2,934,710 in words.

_____

For 44,017,134,875, write the digit that is in the ten thousands place.

_____

7 x 3 =

15 ÷ 3 =

word root **pug** can mean **fight** **pugilism, pugilist**

Name: _____

Daniel, Alexis, Destiny, Alexandra, Alexander, and Kyle each recycled a different number of cans (26, 23, 16, 22, 19, and 27), as well as a different number of junk mail letters (122, 108, 133, 136, 140, and 109).

Figure out how many cans and junk mail letters each person recycled.

1. Alexander and Daniel recycled a total of two hundred ninety cans and junk mail letters.
2. Alexandra recycled more than twenty-two cans.
3. Destiny recycled the least number of cans.
4. Kyle recycled eighty-one more junk mail letters than the number of cans he recycled.
5. Alexandra recycled the most number of junk mail letters.
6. If the number of cans Alexander recycled was doubled, he would have recycled forty-six cans.
7. Daniel recycled a total of one hundred thirty-one cans and junk mail letters.
8. Alexander recycled less than one hundred thirty-nine junk mail letters.
9. Kyle recycled less than one hundred twenty-three junk mail letters.
10. Daniel recycled more than twenty-one cans.
11. Alexis recycled one hundred fourteen more junk mail letters than the number of cans she recycled.

Daniel recycled _____ cans and _____ junk mail letters.

Alexis recycled _____ cans and _____ junk mail letters.

Destiny recycled _____ cans and _____ junk mail letters.

Alexandra recycled _____ cans and _____ junk mail letters.

Alexander recycled _____ cans and _____ junk mail letters.

Kyle recycled _____ cans and _____ junk mail letters.

Name: _____

Jason is 30% Sioux, so when Indian Pudding Day was near, he decided to make enough Indian Pudding for everyone in his class to have half of a cup of pudding. There are twenty-five students in his class, and he would also like to give the same size of pudding to his teacher, the principal, and the basketball coach. How many cups of Indian Pudding will he need to make?

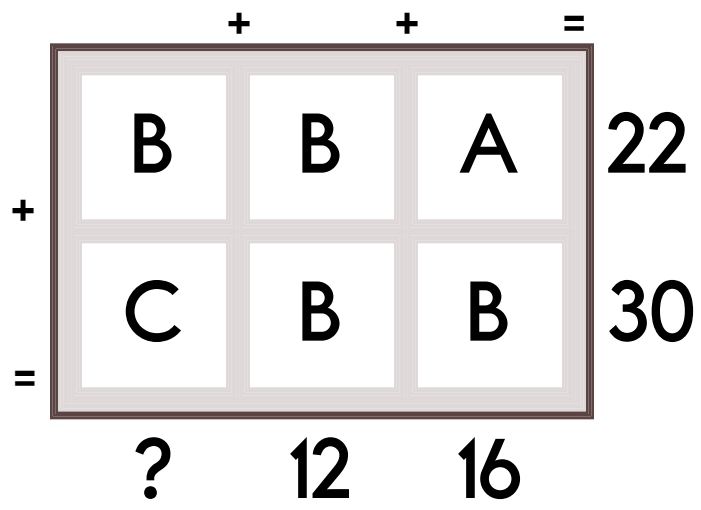
On National Indian Pudding Day, the students in Mr. Smith's class finished their study of Native Americans by having a lunch of all Native American foods and playing traditional games. David and Emma were assigned to lay out the field for one of the ball games. The field was 55.5 feet long and 34.2 feet wide. What was the perimeter of the playing field?

Put these numbers in order from smallest to largest.

8.812 8.83 8.842 8.76

Sally bought a kit to make fidgets. The box says that you can make up to 23 fidgets, so that would be the most she could make. Sally tried to make one. It took her 47 seconds to make. How many fidgets can she make in an hour? Assume she takes a 12-second break after making each fidget.

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

A + B = 16 B + B = __ __ + __ + __ = 22

__ + __ + __ = 30

Additional hints:

A < 19 C = B + 12

Show Work:

Solve:

? = __

Name: _____

Use >, <, or = to complete.

2.04 __ 2.38

0.52 __ 0.6

9.8 __ 10.6

3.1 __ 3.7

7.1 __ 6.9

8.9 __ 8.4

8.8 __ 8.2

Write as a decimal.

$5\frac{3}{10}$

Use >, <, or = to complete.

0.15 __ 0.2

4.7 __ 4.4

6.05 __ 6.59

5.1 __ 5.8

5.7 __ 6.1

6.7 __ 7.6

3.6 __ 3.9

Write as a decimal.

$5\frac{2}{10}$

Use >, <, or = to complete.

4.07 __ 4.96

9.4 __ 9.7

5.3 __ 4.7

6.1 __ 5.7

0.5 __ 0.46

9.6 __ 9.1

9.3 __ 9.8

Use >, <, or = to complete.

16.37 __ 16.370

8.17 __ 8.4

140 __ 139.7

337.8 __ 332

24.99 __ 24.6

245 __ 249.79

26.3 __ 26.96

Write as a decimal.

$\frac{9}{10}$

Write as a decimal.

$\frac{8}{10}$

Write as a decimal.

$15\frac{5}{10}$

Name: _____

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

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

Write the words found.

SHUT _____ COMPENSATE _____ DOE _____

DOLLARS _____ INVITE _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____

Draw one line to find two words in each puzzle. The bold letters start each word.
You can move left, right, up, or down. Write the two words that you find.

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

_____ _____

_____ _____

S C C E Y U A U
A G N O A L U O
A Z O I E N K X
D U T Q O Q **C** A
C D E A U J L K
U C U I P U E I
I J L U M E V X
H Y I T **S** R T O

_____ _____

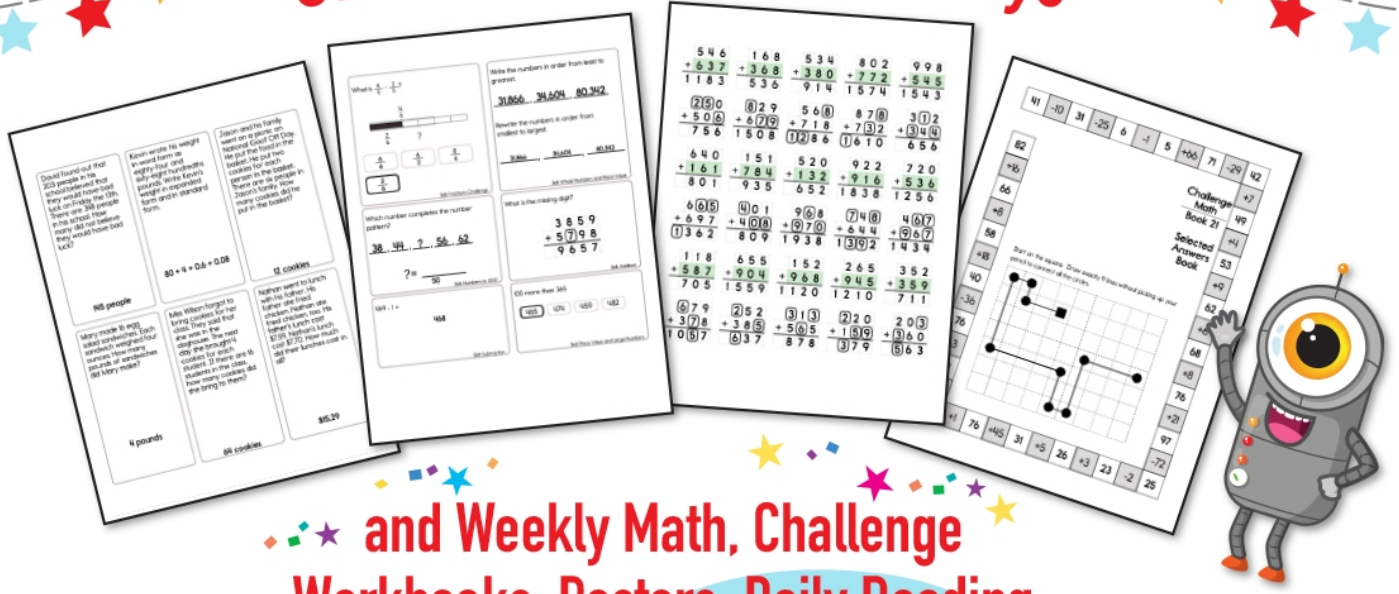
_____ _____

A Q E W P Y L E
Z V D P E U N N
Y I Y E A I U X
U X C S M U **T** S
H Y Q **B** Z E S I
L X A U Z E I E
U A S L Q Q G A
A D G M I Z X E

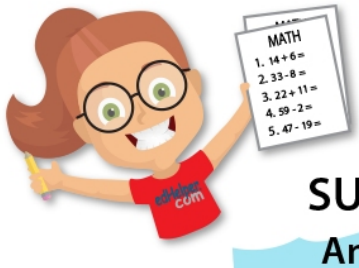
_____ _____

_____ _____

Subscribe to Get Answer Keys



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

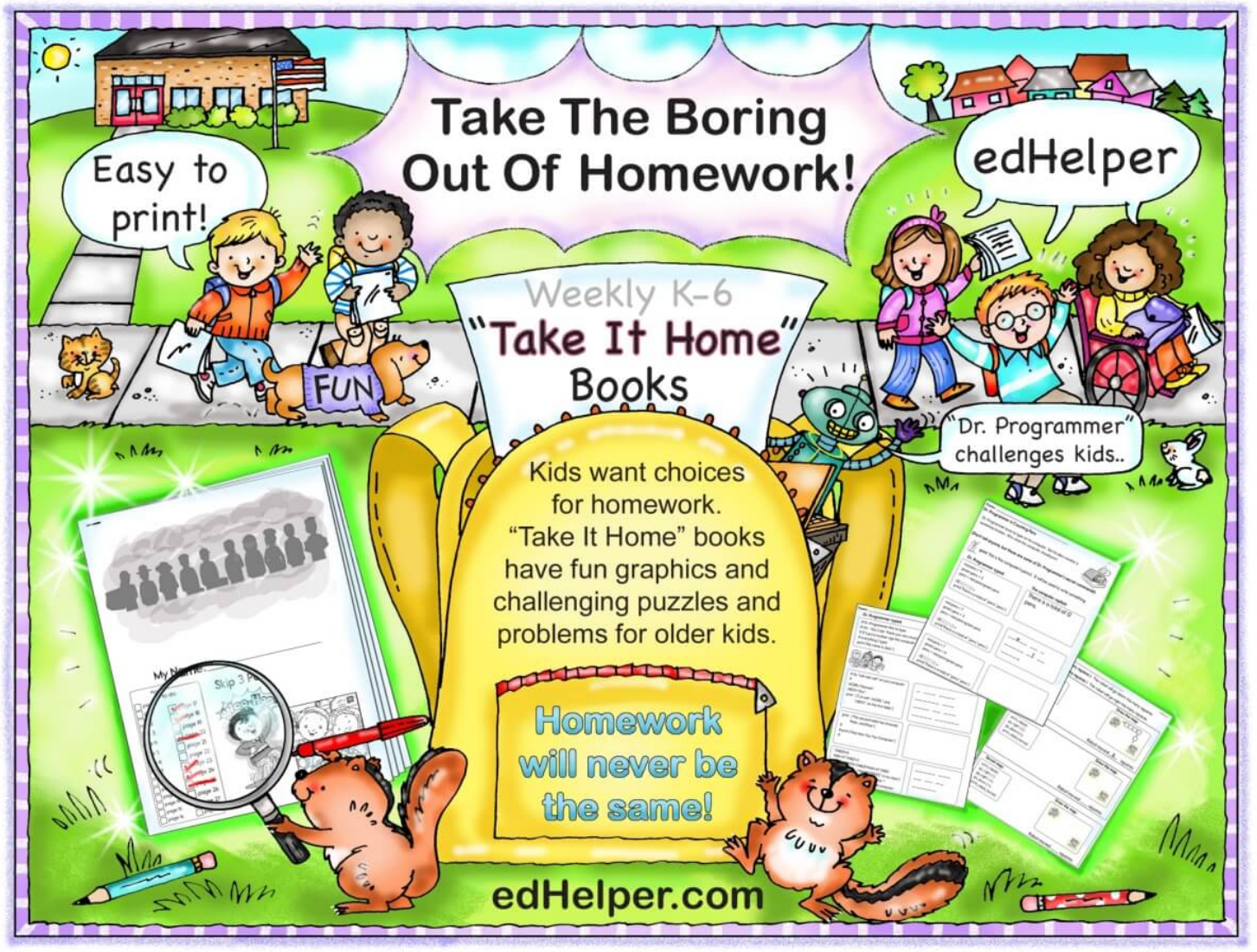


SUBSCRIBE TO RECEIVE EVEN MORE

Answer Keys • Effective Activities • Access to as many printables as you need!

edHelper.com

Where can I get more of this great stuff?
More math!
More spelling!
It's NO PREP at edHelper.
More history!
CLASS RULES
edHelper.com!
New online math games!
More things for the classroom!
More science!
New ideas!
More puzzles!


Take The Boring Out Of Homework!
Easy to print!
edHelper
Weekly K-6
"Take It Home" Books
FUN
"Dr. Programmer" challenges kids..
Kids want choices for homework. "Take It Home" books have fun graphics and challenging puzzles and problems for older kids.
Homework will never be the same!
edHelper.com