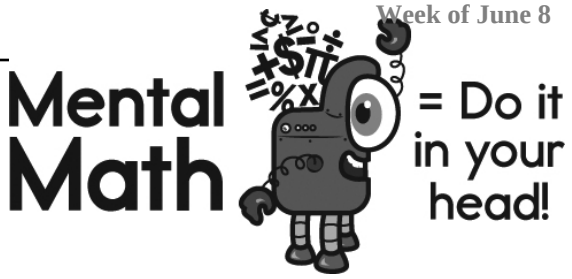
Name: _____

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?



imagine 6 in your head multiply 11 add 7 Add the tens digit to the ones digit. Write the sum. ____ ____ A B	imagine 5 in your head add 5 add 8 double it Write the tens digit. ____ C	imagine 4 in your head multiply 6 double it subtract 6 subtract 8 add 1 Write the tens digit. ____ D	imagine 5 in your head add 7 add 8 double it Add the tens digit to the ones digit. Write the sum. ____ E

What is the sum?

A + B + C + D + E

____ ____

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

____ ____ ____ ____ ____ __n__

9 before 18 _____	1 after 16 _____	8 before 13 _____
6 before 15 _____	3 after 19 _____	4 before 19 _____
3 before 14 _____	7 after 11 _____	1 before 16 _____

Name: _____

$4.3283 \times 10^3 =$

0.9×0.03

$0.8\ (0.4\ (0.8 + 7)) =$

$(0.6)(0.14)$

$4 \times 9 \times 5 - 10 + 11$

$8 \times 8 = x^2$

What is the value of x?

$\frac{3}{7} \times \frac{4}{8}$

$9 \times 9 = Z^y$

What is the value of Z and y?

What is the greatest common factor of the numbers 24 and 108?

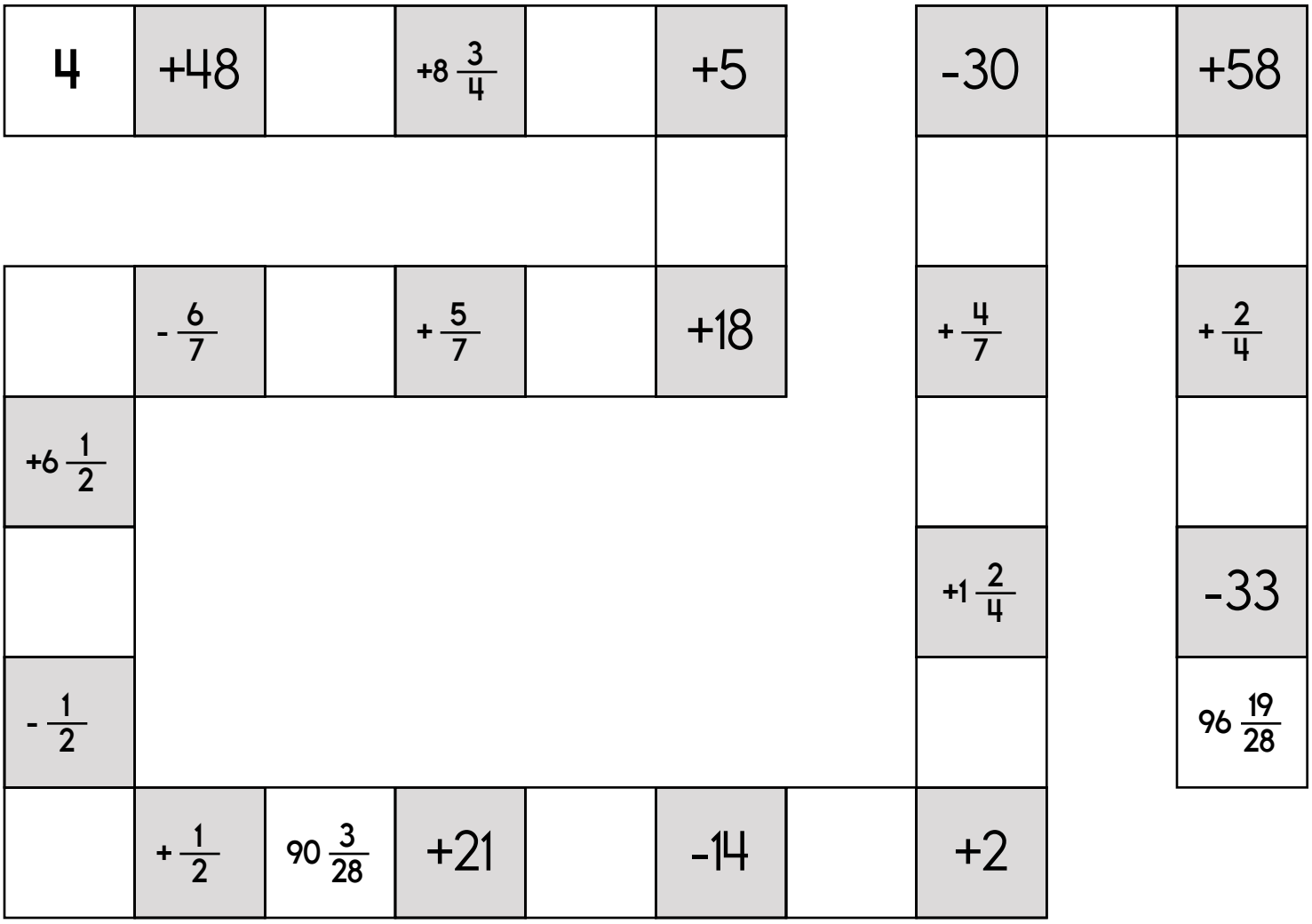
9, 9, 22, _____, 35, 33, 48, 45, 61, 57, 74, 69, 87

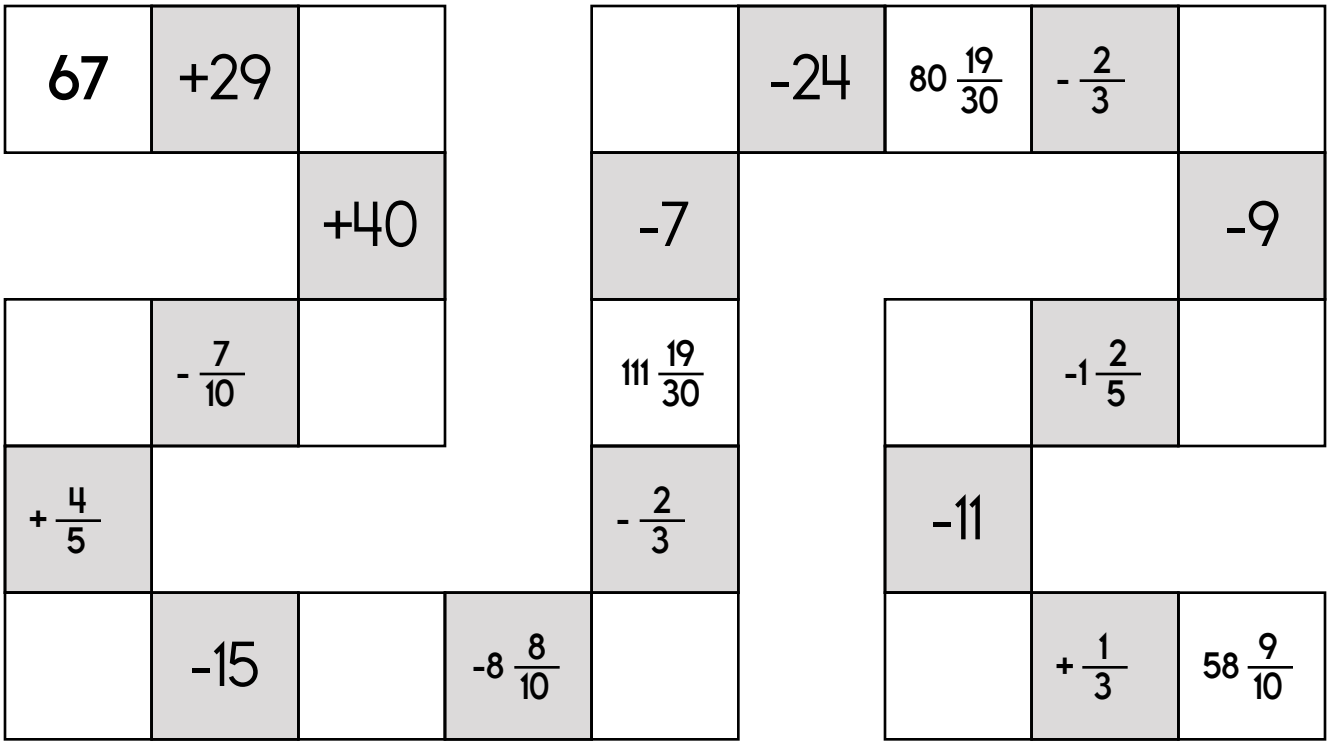
What is the perimeter of a rectangle with a length of 33 centimeters and a width that is $\frac{1}{3}$ the length?

What is the mode of the following number set?

57, 55, 62, 60, 56, 47, 64, 52, 59, 50, 61, 54, 66, 48, 46

Name: _____


4
+48
+8 3/4
+5
-30
+58
- 6/7
+ 5/7
+18
+ 4/7
+ 2/4
+6 1/2
+1 2/4
-33
- 1/2
96 19/28
+ 1/2
90 3/28
+21
-14
+2


67
+29
-24
80 19/30
- 2/3
+40
-7
-9
- 7/10
111 19/30
-1 2/5
+ 4/5
- 2/3
-11
-15
-8 8/10
+ 1/3
58 9/10

Name: _____

Amy's great grandmother walked all the way across Germany before she came to the United States. She and her family carried all they owned in little sacks on their backs. They walked an average of 3.46 miles per day. How far did they walk in a year?

All the students at William Anderson Middle School had their heights and weights measured on Weights and Measures Day. The total weight of the students was 25,953 pounds. Their average weight was 105.5 pounds. How many students were weighed?

Mary bought purple, green, and gold streamers to put all the way around the librarian's desk on Mardi Gras Day. The desk is in the shape of a triangle with sides of 4m, 2m, and 6m. The streamers cost $0.39 per meter. What will it cost to buy enough to wrap around the desk 3 times?

$$\begin{array}{r} 29 \\ +\ 33 \\ \hline \end{array}$$

Erin rolls a die. What is the chance of her rolling a 3?

_____

Circle the addition property for 38 + 145 = 145 + 38.

associative property

commutative property

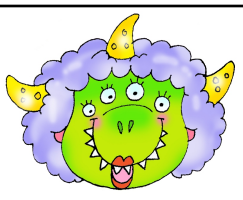
What should replace the Q in this equation?

21 x Q + 14 = 224

8,836 - 3,921 = _____

$$\begin{array}{r} 51 \\ -\ 39 \\ \hline \end{array}$$

6 x 4 =



2 x 3 = _____

70 ÷ 7 = _____

How many pounds are in 80 ounces?

_____ pounds

Name: _____

672 - 616	Pick a month. Can you make up a calendar for your month with five Mondays? Show your calendar below:	55 ÷ 11 = _____ 213 + 414
Holly is going to roll two dice. What is the chance that her total will be either 6 or higher on her first roll?	In the number 148,498,178,877, the digit 9 is in what place? _____ 32 ÷ 8 =	
1 kg = 1,000 g 27 kg = _____ g	72 ÷ 6 = _____	17 lb = _____ oz
84 ÷ 12 = _____ 30 ÷ 5 = _____ 90 ÷ 9 = _____	Holly likes to change numbers into a secret letter form. Holly changed the number 22 to AA. Holly changed the number 219,156 to AAAAAA. Holly changed the number 96,214 to AAAAA. Holly changed the number 285 to AAA. How do you think she would change the number 8,411? _____	7 x 3 = _____ 8 x 3 = 15 ÷ 3 =

word root **tude** can mean **state of** **aptitude, solitude**

Name: _____

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

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

ACUTE • PETRIFY • TIE • UNEASY
RAVE • SIEGE • ICICLE • BOARD
CHARITY • VICTIM • MESA • MOLD
TUNNEL

(8 + 4) + 9 =

The letters H and Y each have a line of symmetry. Name another letter between H and Y that has a line of symmetry.

_____

You have four digits to use in an addition problem: 7, 4, 1, and 6. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?

You are given five cards. One card has the number 1 on it, another card has a 2, another card has a 3, another card has a 4, and the last card has the number 5 on it. Use two cards to make a fraction. What is the largest fraction that you can make?

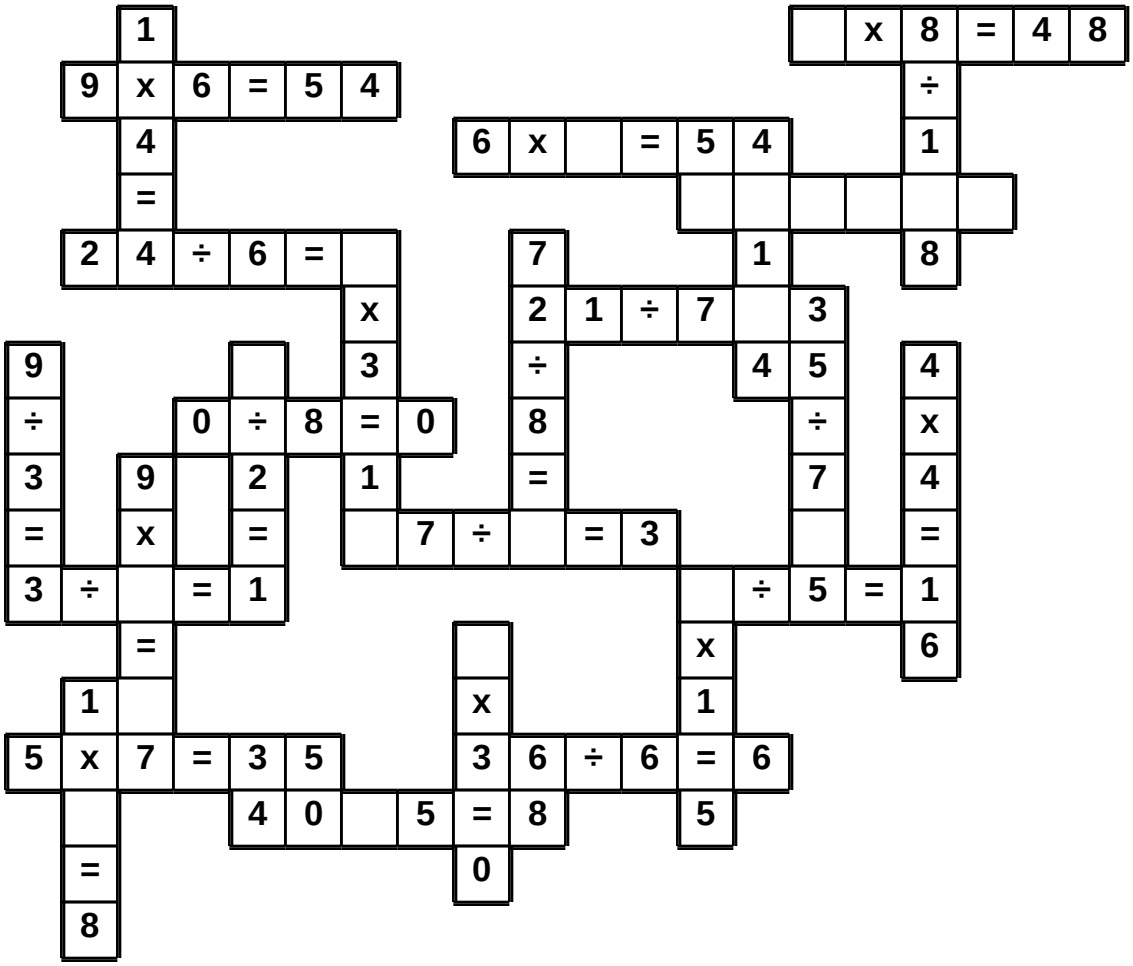
817 - 648 = _____

word root **elem** can mean **first principle** **element, elementary**

Name: _____

6 • 9 • 0 • x • 1 • 0 • = • 0 • 4 • = • 2 • 2 • 9 • = • 3 • 5
0 • 2 • 8 • ÷

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



5 x 9 = _____

Write this as a number in standard form.
Use a comma in your number.

four hundred twenty-one thousand eight hundred forty-four

_____

8 x 2 = _____

Name: _____

Pay the bill!

Rent is due. Kevin needs to pay his landlord $3,800. His landlord's name is Sara Hall.

KEVIN 1130

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆998999024⑆ ⑈48757⑈ 1130

Pay the bill!

Kevin needs money. He wants to get $120 in cash, so he writes a check payable to cash in this amount. Write this check.

KEVIN 1131

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆998999024⑆ ⑈48757⑈ 1131

$0.1 \cdot 3 =$

Use >, <, or = to complete.

$\frac{2}{7}$ ___ 26%

25% ___ $\frac{2}{8}$

45% ___ $\frac{1}{4}$

Circle the percentage that is closest to 24 out of 52:

61%

5%

94%

$\frac{7}{10} \times \frac{8}{10}$

Rewrite $\frac{1}{100}$ as a decimal.

If a = 5 and y = -43 then what is 4a + 9y - 4y = ?

Name: _____

x	2	3	4	5	6	7	8	9	10	11
10				50						
2			8							
9										99
8								72		
7					42					
11	22									
5							40			

Alex has four quarters and one nickel. He also has one other coin that is different from the rest of his coins. How much could he have?

375 - 217 = _____

48 ÷ 8 = _____

Write an equation to represent this:

The difference between seventeen and eight is nine.

_____

2,754 + 6,913 = _____

The boys in your class each were given a ticket with a number on it. The numbers given out were: 20, 39, 1, 6, 16, 4, and 36. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?

word root **circum** can mean **around** **circumscribe, circumvention, circumventive**

Name: _____

Complete each analogy with the best word.

melting	Vietnam War
famous	brain
play	bird
mold	applaud
nose	dog
lady bug	neck
Spanish American War	actress
eyes	World War II
World War I	cockroach
gifts	math

stage : perform ::

performer : _____

Gettysburg : Civil War ::

Pearl Harbor : _____

rib cage : heart and lungs ::

skull : _____

accountant : calculator ::

candlemaker : _____

What time is 14 hours after 2:00 p.m.?

_____

572 + 344 = _____

A bike originally priced at $90 is marked down by 40%. What is the sale price?

18 ÷ 3 = _____

3 x 5 =

2 x 4 = _____

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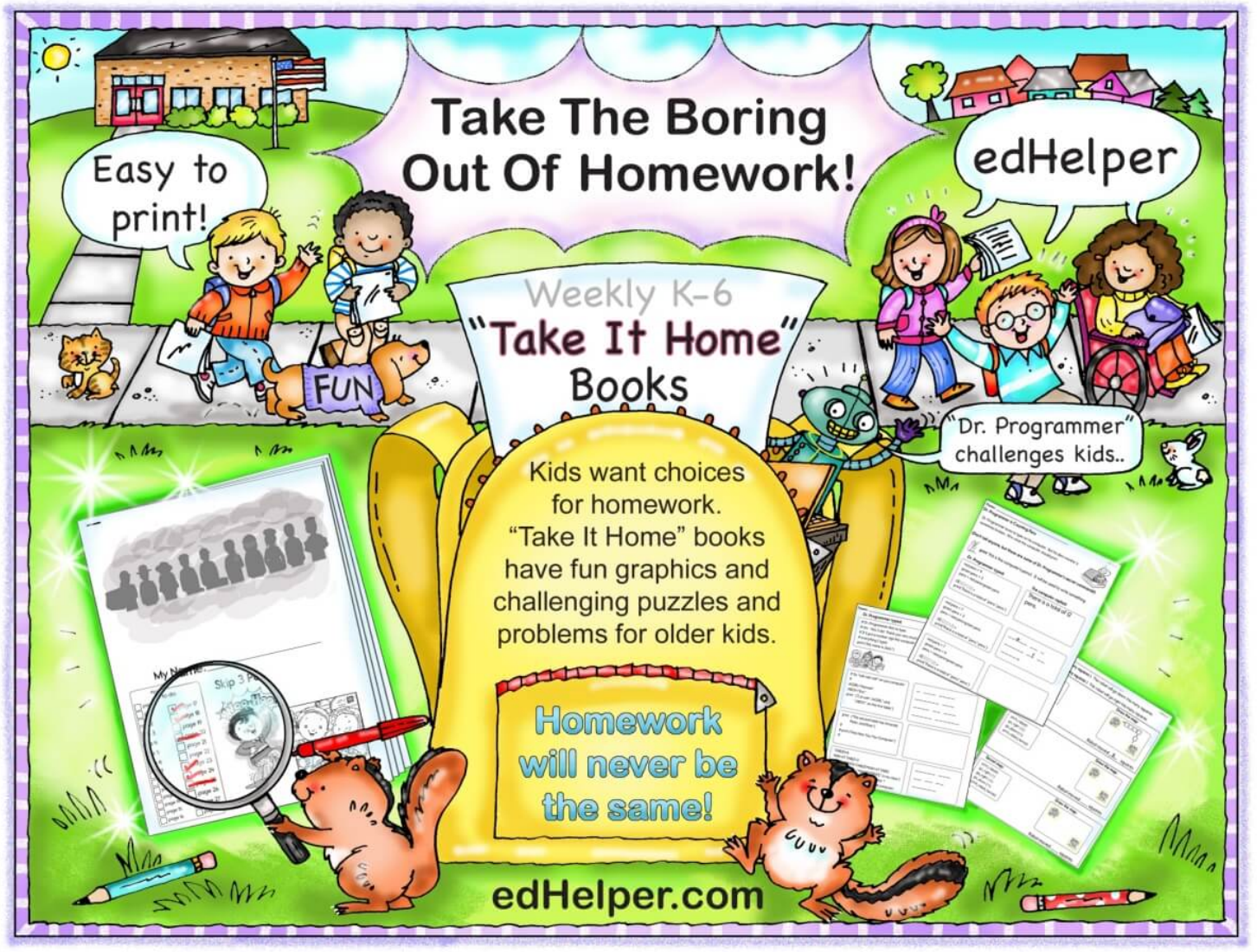
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