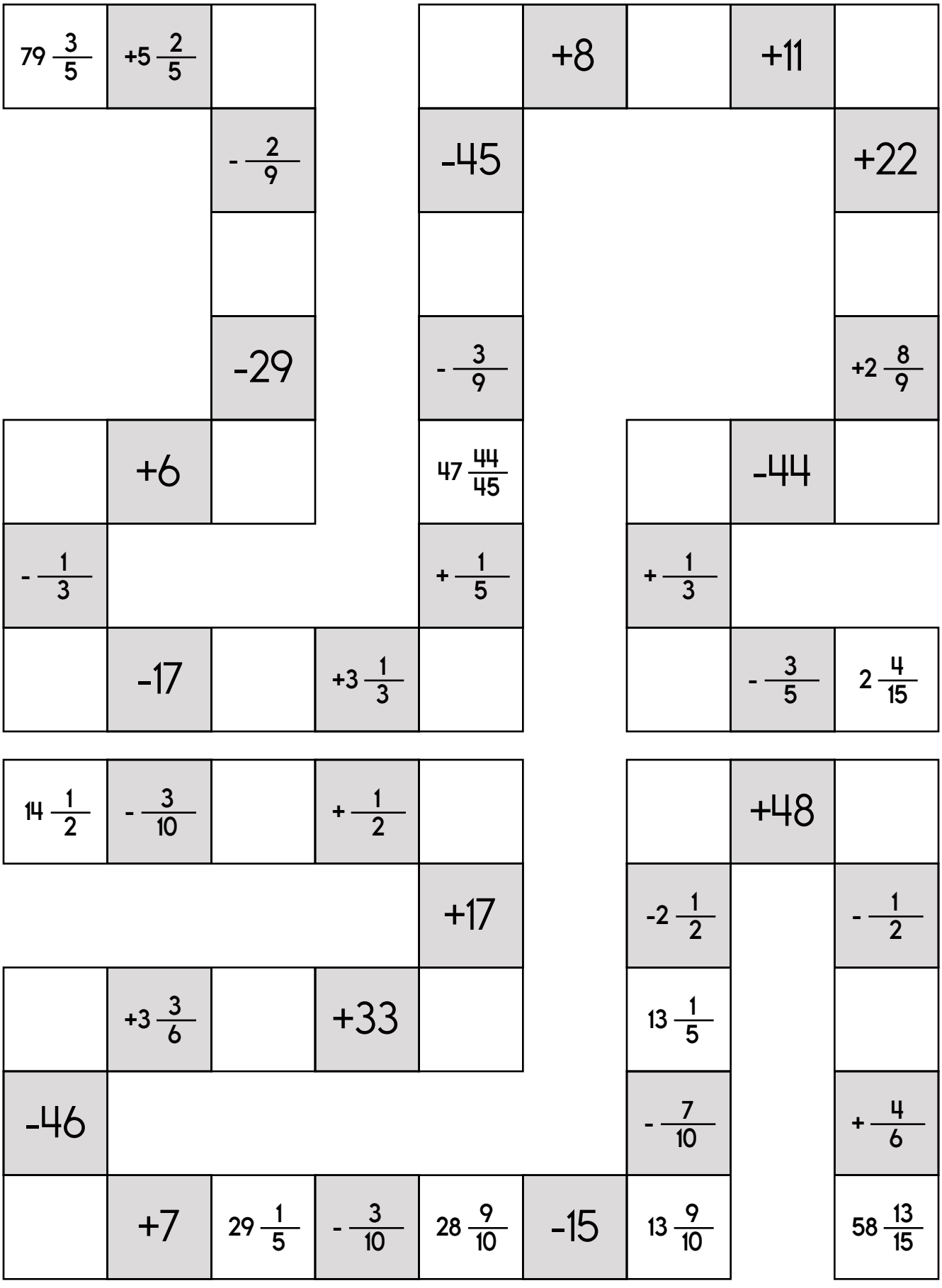
Name: _____


79 3/5
+5 2/5
+8
+11
- 2/9
-45
+22
-29
- 3/9
+2 8/9
+6
47 44/45
-44
- 1/3
+ 1/5
+ 1/3
-17
+3 1/3
- 3/5
2 4/15
14 1/2
- 3/10
+ 1/2
+48
+17
-2 1/2
- 1/2
+3 3/6
+33
13 1/5
-46
- 7/10
+ 4/6
+7
29 1/5
- 3/10
28 9/10
-15
13 9/10
58 13/15

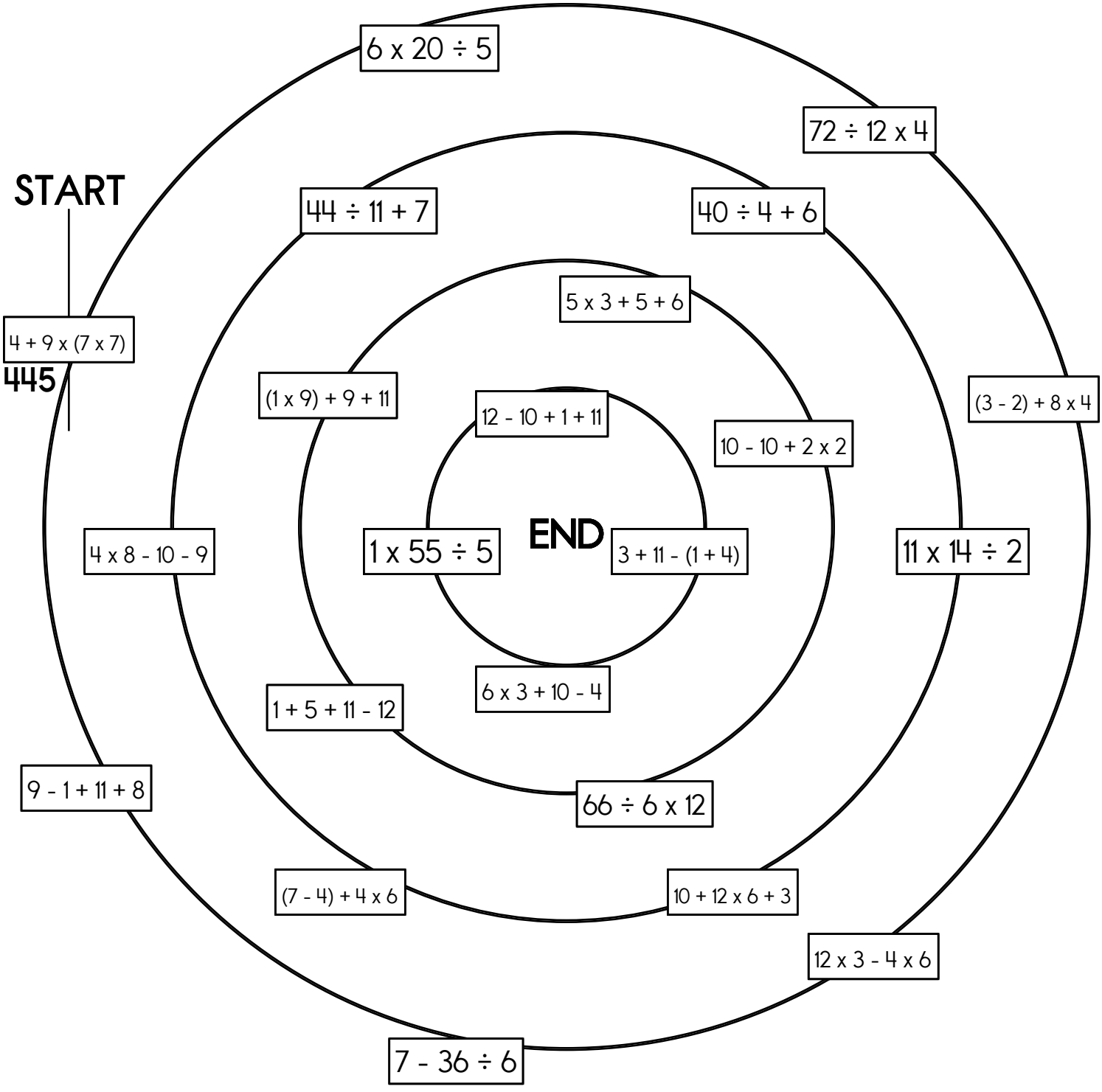
Name: _____

Draw a line from START to END.

77 9 ~~445~~

132

Cross out the number you use above and then write it below.



Name: _____

Pay the bill!

Sarah needs money. She wants to get $120 in cash, so she writes a check payable to cash in this amount. Write this check.

SARAH 1233

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆995391357⑆ ⑈55265⑈ 1233

Pay the bill!

Sarah received a bill for her cellphone from Mobile Unlimited for $52.96. Write the check as Sarah would write it.

SARAH 1234

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆995391357⑆ ⑈55265⑈ 1234

What kind of angle has a measure of between 0° and 90°?

Sketch an acute angle named $\angle CDE$.

An angle measures 139°. What would you call this angle?

Simplify.

$\frac{27}{54}$ =

0.9 (0.6 (0.9 + 3)) =

53, 69, 85, 101, _____, 133

Name: _____

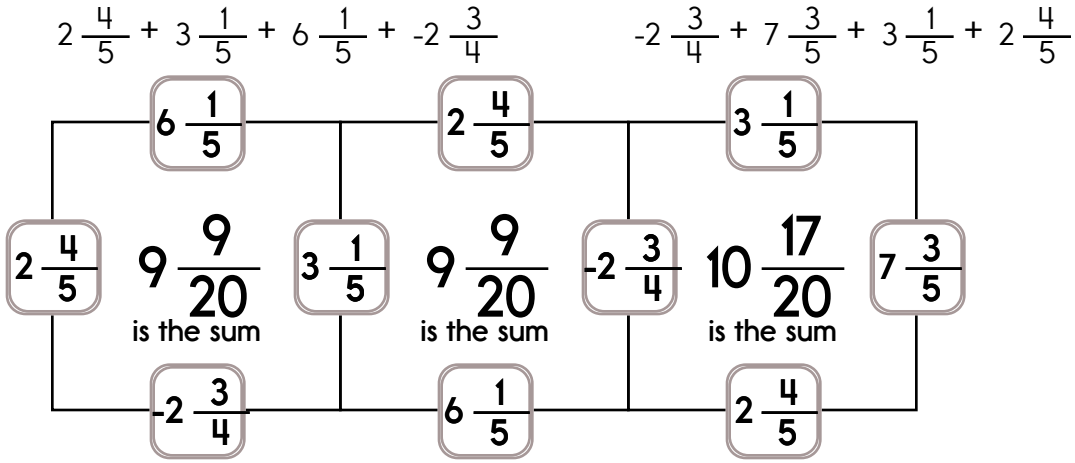
Find the way from START to END by passing through EVERY number that is a multiple of ten exactly ONCE. Cross off each box that is NOT a multiple of ten. Yes, that means you have to go through ALL the multiple of ten boxes. Wow!
You are not allowed to go diagonally. Good luck!

START	480	940	230	390	780	960
950	650	115	150	900	460	10
914	76	589	30	910	70	80
19	647	23	746	80	960	140
394	352	334	250	490	260	380
616	824	460	370	660	630	600
672	49	640	770	800	459	530
899	540	670	960	660	770	330
332	520	730	660	170	840	442
242	142	82	830	860	510	END

Name: _____

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

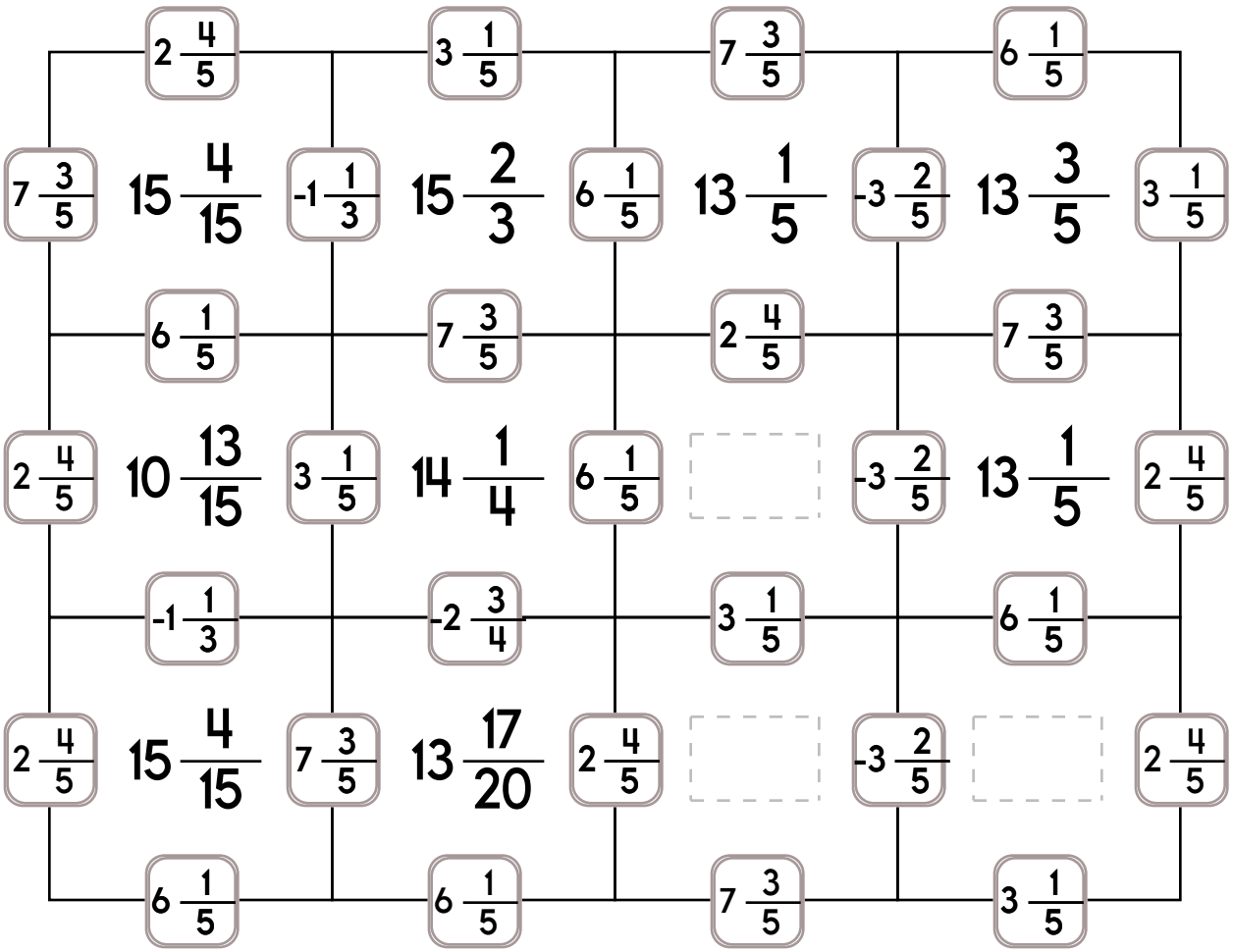
Sample:



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: $-3\frac{2}{5}$, $-1\frac{1}{3}$, or $-2\frac{3}{4}$.

The other three numbers have to all be DIFFERENT and must be from these: $2\frac{4}{5}$, $6\frac{1}{5}$, $7\frac{3}{5}$, or $3\frac{1}{5}$.

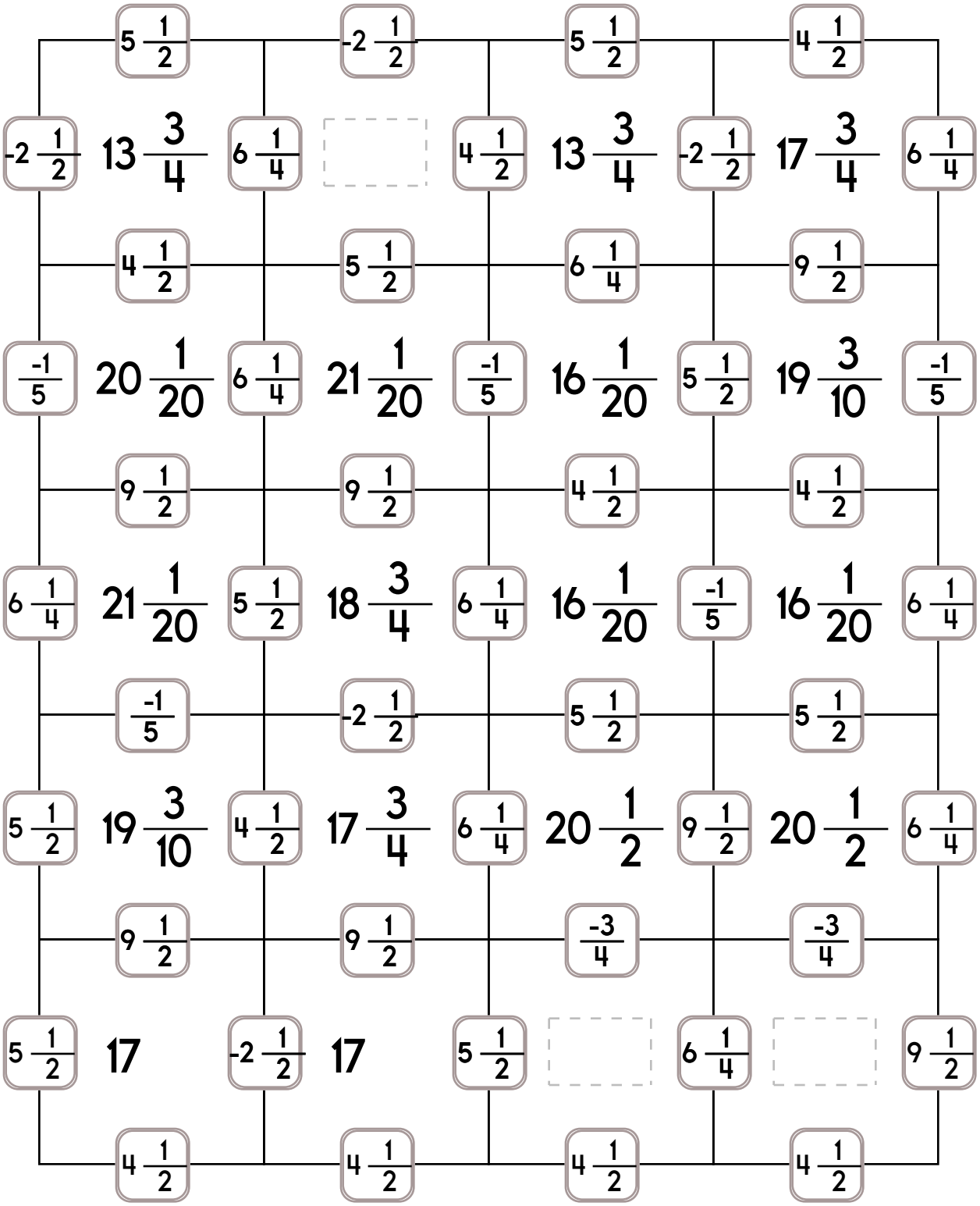


Name: _____

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: $\frac{-3}{4}$, $\frac{-1}{5}$, or $-2\frac{1}{2}$.

The other three numbers have to all be DIFFERENT and must be from these: $4\frac{1}{2}$, $5\frac{1}{2}$, $9\frac{1}{2}$, or $6\frac{1}{4}$.



Name: _____

Draw a line to match each problem with the same answer.

35% of 140	30% of 20	100% of 154	50% of 154
72% of 175	70% of 180	55% of 140	80% of 150
10% of 60	100% of 49	96% of 125	12% of 100
13% of 200	65% of 40	15% of 80	88% of 175

$7 \times 7 = x^2$

What is the value of x?

Simplify.

$\frac{10,800}{18,000} =$

$\frac{8}{20} \div \frac{3}{5} =$

What is the area of a rectangle with a length of 60 centimeters and a width that is $\frac{1}{5}$ the length?

Rewrite as an algebraic expression or equation.

Three more than v tripled is ninety.

What is the mode of the following number set?

57, 65, 52, 44, 51, 49, 43, 48, 42, 50, 44, 59, 55, 45, 43

6 + 1 + 6 + 8 - 11

Circle the percentage that is closest to 22 out of 69:

65%
5%
29%
85%

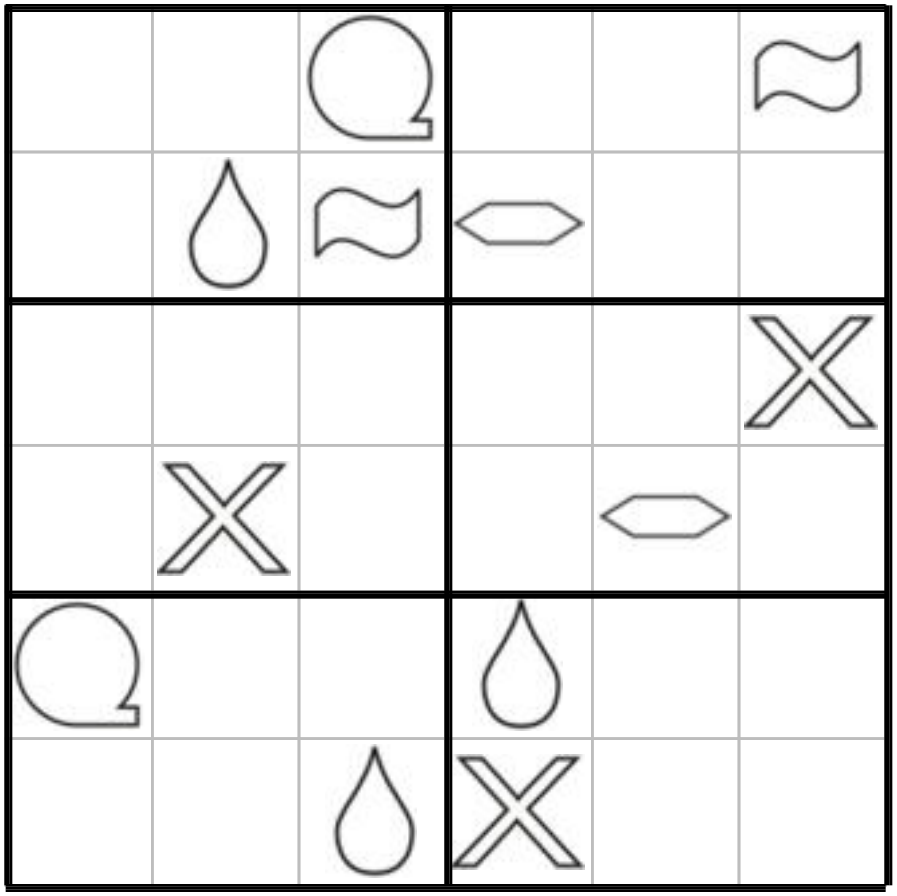
Rewrite $\frac{9}{100}$ as a decimal.

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

3	5	2			
4	6	1	5	2	
	3		2	4	
				5	
1					
	2				

Each row, column, and box must have 6 different pictures.



Name: _____

Sudoku Sums of 13

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 13.

Here is an example of a sudoku sum of 13:

6	7

3	6		8			9		
	7	2	1		3			
	4						1	
		4		8	5		7	
				2	7			
2	5				1	6		
			2		6			5
						2	4	3
4						7	6	

581 ÷ 10

8 + 4 x 3 + 4 - 1

|-54| - [40| =

Name: _____

Each row, column, and box must have the numbers 1 through 9.

		3					7	
					3	6		
		6	1		5	3		9
		9						7
	8		2		4			
7							4	
		1	3			4		
	9				6	8		5
3				5			6	

20 ÷ -2 =

3 - 4 - 2 =

-45 ÷ 5 =

17 cm = _____ mm

15 ÷ 3 = _____

1 lb = 16 oz

20 lb = _____ oz

Name: _____

Justin, Jose, Anna, and Dylan each voted for one person to be president. How many votes did each person receive and who will be the president?

1. If Justin had two more votes, Justin would have the same number of votes as Dylan.
2. Dylan has one more vote than Jose.
3. Jose has the same number of votes as Anna.
4. Jose has one more vote than Justin.

Justin received _____ vote(s).

Jose received _____ vote(s).

Anna received _____ vote(s).

Dylan received _____ vote(s).

Puzzle:

				224
				144
				3,136
				432
378	224	1,536	336	X

Work Area:

				224
				144
				3,136
				432
378	224	1,536	336	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.

 = _____

 = _____

 = _____

 = _____

 = _____

Name: _____

Cross off the number that does NOT belong.

7, 35, 44, 220, 229, 569, 1145

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$4\frac{5}{25}$, 4, $3\frac{20}{25}$, $3\frac{18}{25}$, $3\frac{15}{25}$, $3\frac{10}{25}$, $3\frac{5}{25}$, 3, $2\frac{20}{25}$, $2\frac{15}{25}$,

$2\frac{10}{25}$, $2\frac{5}{25}$, 2, $1\frac{20}{25}$, $1\frac{15}{25}$, $1\frac{10}{25}$, $1\frac{5}{25}$, 1, $\frac{20}{25}$

Why does _____ not belong in the pattern?

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

192, 172, 152, 132, 112, 92, _____, _____

_____, 135, 115, 95, 75, _____

151, 131, _____, 91, _____, _____, 31

151, _____, _____, 91, _____, _____

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

4, 14, 10, 28, 52, 90, 170, 312, 572, 1054, 1938, _____, _____

7, 17, 3, 27, 47, 77, 151, 275, 503, 929, _____, _____, _____

Name: _____

Each row, column, and box must have the numbers 1 through 9.

3			6	9				
					1			9
4		2						3
5				6			3	
7	4			5			1	
						2	5	4
	7	4		1		8		
	5			8				2
			4					

Write as a decimal.
Fifteen and eleven hundredths

Write as a decimal.

$20\frac{2}{10}$

Write as a decimal.

$\frac{8}{100}$

How many pounds are in 96 ounces?

_____ pounds

8 x 2 = _____

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

4	3

								1
		5				2		
		6	7		2			5
			3					
					1			
	7	3	6	4		9		2
		1		2		6		
4				3			9	
		8		7	5	3		

If f = -5 and w = 45 then what is the value of y?
6f + 12w - 2w = y

What is the remainder of 109 divided by 16?

6 + 3 x 6 + 12

Name: _____

There are four boxes (a black box, a yellow box, a green box, and a blue box). Each box has a different length (20 cm 4 mm, 45 cm 1 mm, 52 cm 5 mm, and 41 cm 8 mm), a different width (14 cm 3 mm, 2 cm 6 mm, 7 cm 6 mm, and 2 cm 4 mm), and a different height (87 cm 3 mm, 80 cm 2 mm, 51 cm 4 mm, and 95 cm 6 mm).

Figure out the length, width, height, and volume for each box.

1. If the length of the black box was increased by 7 cm, the volume of the black box would increase by 1,739,920 cubic millimeters.
2. One box has a length of 20 cm 4 mm and a height of 51 cm 4 mm.
3. The length of the blue box is 0.418 meters.
4. The black box has the largest length.
5. The green box has the smallest width.
6. The volume of the yellow box is 27,489,352 cubic millimeters.

black box: length =_____, width= _____, height = _____, and volume = _____

yellow box: length =_____, width= _____, height = _____, and volume = _____

green box: length =_____, width= _____, height = _____, and volume = _____

blue box: length =_____, width= _____, height = _____, and volume = _____

$3y = 15$

$17n = 136$

$\frac{N}{8} = 12$

Name: _____

Cross off the number that does NOT belong.

12, 19, 28, 39, 52, 67, 84, 103, 124, 147, 172, 182, 199, 228

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

44, 29, 39, 33, 34, 37, 29, 30, 41, 24, 45, 19, 49

Why does _____ not belong in the pattern?

Name: _____

Ashley, Noah, Courtney, and Hunter each ate something different for breakfast (yogurt, waffles, a bagel, or a melon). They also each had something different to drink (tea, coffee, apple juice, or orange juice).

Figure out what each person had for breakfast.

1. Courtney did not have a bagel or tea.
2. Hunter did not have a melon.
3. Courtney did not have waffles.
4. The person who had a bagel did not have tea.
5. The person who had a bagel also had apple juice.
6. Courtney likes to drink either coffee or orange juice for breakfast.
7. Hunter likes to drink either tea or orange juice for breakfast.
8. Noah did not have yogurt.
9. Ashley did not have yogurt or coffee.
10. The person who had yogurt did not have coffee.
11. Noah did not have apple juice.
12. Noah did not have tea.
13. The person who had waffles also had tea.

Ashley had _____ for breakfast and drank _____.

Noah had _____ for breakfast and drank _____.

Courtney had _____ for breakfast and drank _____.

Hunter had _____ for breakfast and drank _____.

Name: _____

Add -ING to Words

Remember how to add -ING to words? Follow these simple rules.

Rule 1: If a word ends in WXY, just add ING. That's the WXY saying.

Rule 2: If a word has a CVC ending, then double the last letter and add ING.

Rule 3: If a word ends in E, then drop the E and add ING.

Rule 4: Otherwise just add ING.

TAP Rule 2 taping or tapping	BREW Rule _____ brewing or brewwing	LIMP Rule _____ limping or limpping
YELP Rule _____ yelping or yelpping	CHOP Rule _____ choping or chopping	CLAP Rule _____ clapping or claping
PINE Rule _____ pining or pinning	STRAY Rule _____ straying or strayying	PARCH Rule _____ parching or parchhing
WING Rule _____ winging or wingging	GROW Rule _____ growing or growwing	RUN Rule _____ running or runing
SMELL smelling or smellling	THREAD threadding or threading	SHELL shelling or shellling
MOB mobbing or mobing	PIQUE piquuing or piquing	NOTCH notchhing or notching
PROP propping or proping	BRANCH branchhing or branching	ROW rowwing or rowing
FAX faxxing or faxing	SWIM swimming or swiming	TAME taming or tamming

What number is halfway between 11 and 18?

$$\begin{array}{r} 326 \\ -\ 216 \\ \hline \end{array}$$

635 + 623 = _____

108 ÷ 12 =

$$\begin{array}{r} 96 \\ -\ 58 \\ \hline \end{array}$$

108 ÷ 9 = _____

7 x 4 =

word root **vive** can mean **life or live** **revive**

Name: _____

BIBULOUS QUAVER YARDARM UNWRAP

DAIRY ALONE LIBERATE

AILMENT ACRIMONIOUS

HOLARCTIC MONSTROUS

LEAN

INCOMMENSURABLE SENSITIVE

TRANSFIGURATION GALLEON ENTAIL

CIRCLE IMMIGRANT TRICKLE THRESHOLD

Circle the words that you know. I circled _____ words.

Use two of the words you know in a sentence.

_____

_____

Write five words that you don't know or want to know better.

_____ _____ _____ _____ _____

Write three words that are probably overused by writers.

_____ _____ _____

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

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

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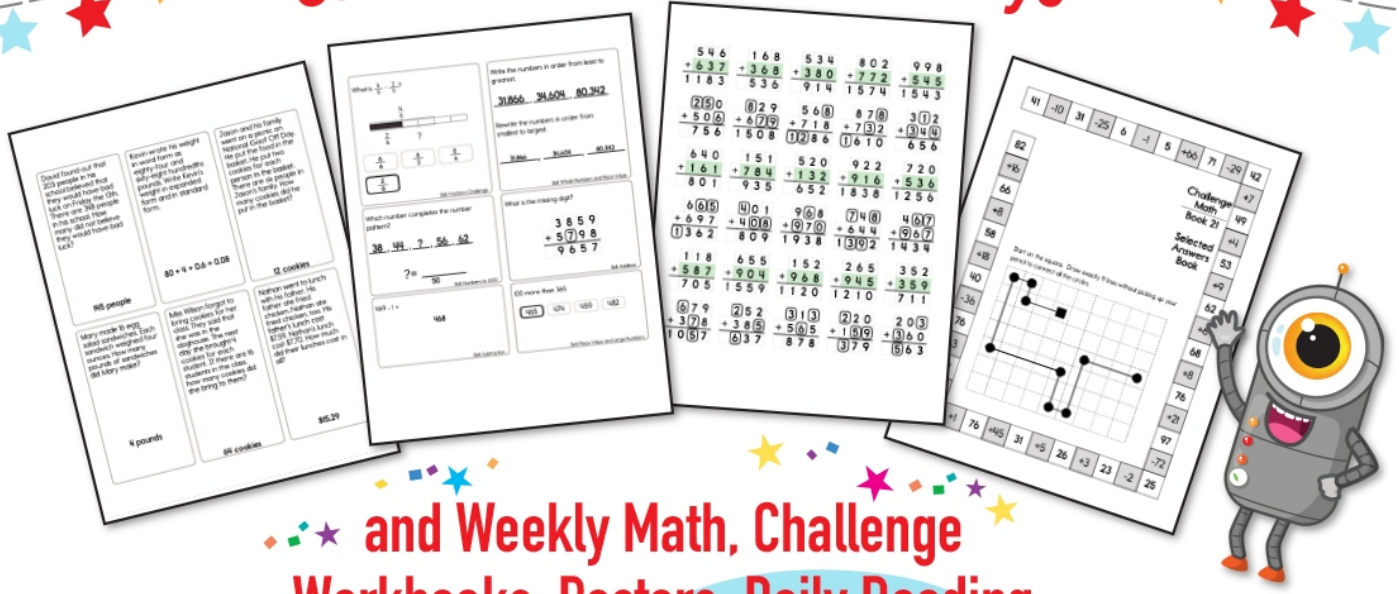

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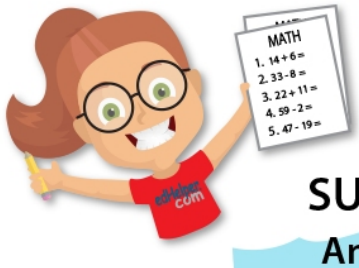

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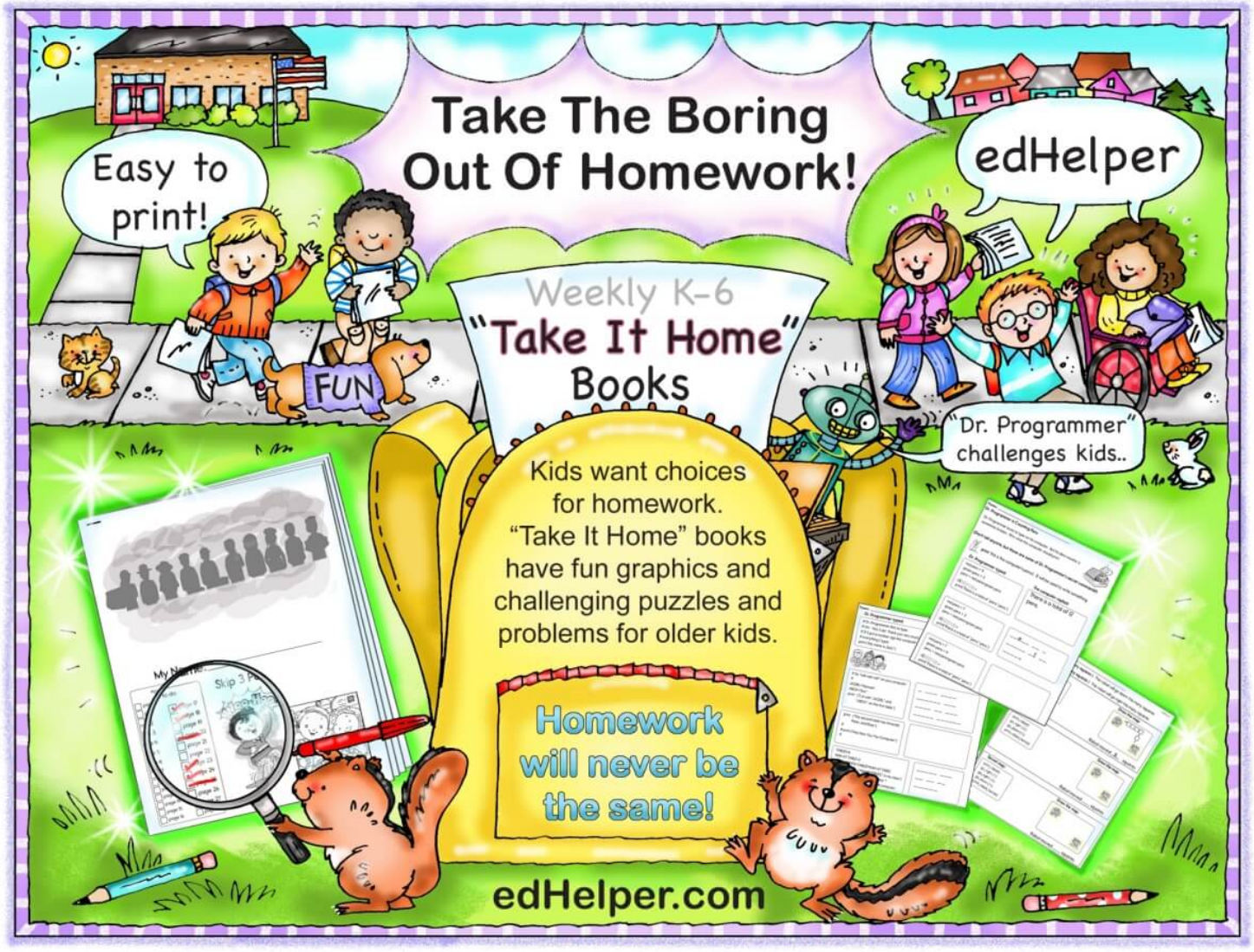
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