Name: _____

Puzzle:

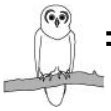
			60
	6		240
		6	240
200	120	144	X

Work Area:

			60
	6		240
		6	240
200	120	144	X

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

 = _____  = _____  = _____

 = _____

Puzzle:

			392
			168
			192
448	168	168	X

Work Area:

			392
			168
			192
448	168	168	X

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

 = _____  = _____  = _____

word root **rogat** can mean **ask** **derogatory, interrogate**

Name: _____

Cross off the number that does NOT belong.

51, 67, 83, 99, 115, 123, 131, 147

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(10,077,696) , (1,679,616) , (279,936) ,

(46,656) , (25,130) , (7,776) , (1,296) ,

(216) , (36) , (6)

Why does _____ not belong in the pattern?

Name: _____

Find the way from START to END by passing only through numbers that are multiples of nine.

You can go up, down, left, right, AND diagonally!

START	873	166	200	997	933	242
651	639	236	575	734	361	548
114	234	710	481	436	869	524
730	495	666	900	387	577	507
753	22	837	594	990	972	513
98	268	775	829	576	459	873
475	343	941	566	261	414	189
337	755	320	19	81	27	99
721	467	977	753	479	667	432
262	759	143	317	920	419	END

Name: _____

1 + 7 = _____

4 + 7 = _____

3 + 9 = _____

5 + 2 = _____

8 + 8 = _____

7 + 5 = _____

How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

6 + 7 = _____

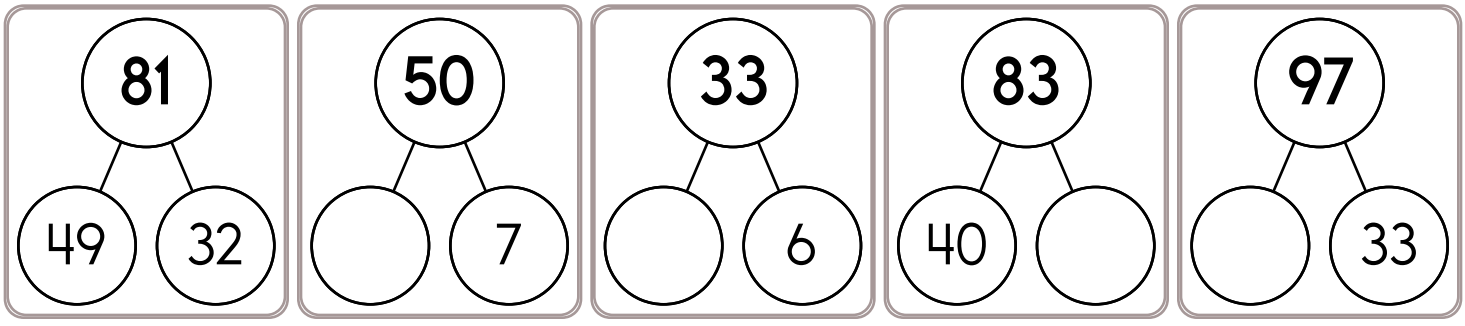
2 + 2 = _____

9 + 2 = _____

Spin fidget spinner. Quick!

I needed to spin _____ time(s) to finish.

8 x 3 = _____	5 x 5 = _____	36 ÷ 4 = _____	6 + 6 = _____	8 - 4 = _____
8 + 5 = _____	9 + 7 = _____	8 + 8 = _____	9 x 3 = _____	6 + 3 = _____
4 + 7 = _____	35 ÷ 7 = _____	7 - 6 = _____	6 x 5 = _____	6 + 3 = _____
7 + 7 = _____	7 + 3 = _____	21 ÷ 3 = _____	3 x 3 = _____	3 x 7 = _____
7 + 8 = _____	5 x 5 = _____	5 + 6 = _____	5 + 8 = _____	6 - 4 = _____
8 + 3 = _____	3 x 6 = _____	24 ÷ 3 = _____	3 x 7 = _____	9 + 4 = _____



68 + 3 = _____	47 + 9 = _____	15 + 5 = _____	54 + 4 = _____	37 + 3 = _____
24 + 3 = _____	78 + 6 = _____	44 + 8 = _____	35 + 4 = _____	77 + 4 = _____
23 + 6 = _____	18 + 4 = _____	64 + 8 = _____	53 + 7 = _____	33 + 8 = _____
44 + 7 = _____	57 + 5 = _____	17 + 4 = _____	65 + 3 = _____	75 + 8 = _____
26 + 8 = _____	77 + 3 = _____	55 + 9 = _____	16 + 9 = _____	29 + 9 = _____

Name: _____

9 + 5 = _____

6 + 1 = _____

2 + 9 = _____

5 + 2 = _____

1 + 5 = _____

7 + 5 = _____

How many times
do you need to spin?

I needed to spin _____
time(s) to finish the page.

3 + 6 = _____

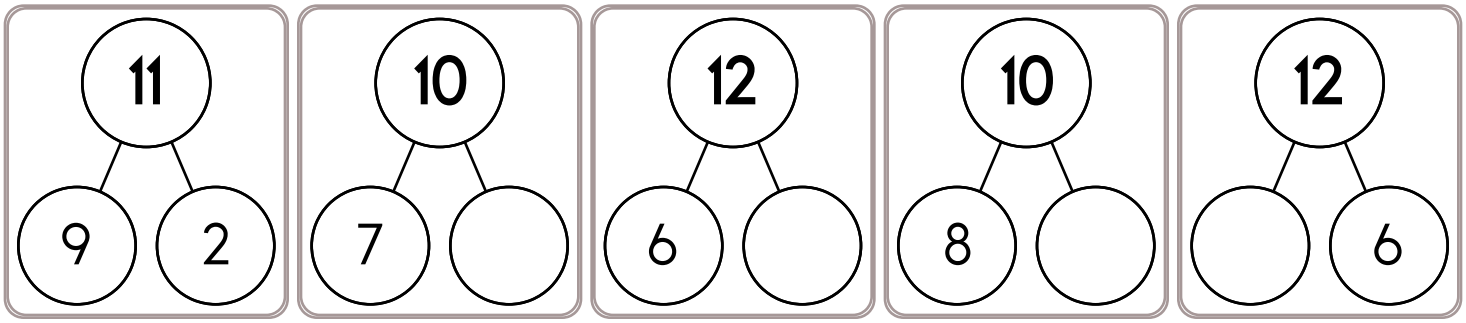
4 + 1 = _____

8 + 3 = _____

Spin fidget spinner. Quick!

I needed to spin _____ time(s) to finish.

6 x 4 = _____	6 x 4 = _____	4 + 6 = _____	3 + 7 = _____	6 - 5 = _____
24 ÷ 6 = _____	6 + 9 = _____	4 + 9 = _____	4 x 8 = _____	5 x 7 = _____
8 + 7 = _____	9 + 3 = _____	6 - 4 = _____	64 ÷ 8 = _____	9 + 5 = _____
5 + 5 = _____	9 + 3 = _____	3 x 8 = _____	6 + 8 = _____	28 ÷ 7 = _____
8 - 5 = _____	9 + 4 = _____	8 + 7 = _____	8 x 8 = _____	3 x 4 = _____



39 + 8 = _____	77 + 3 = _____	26 + 9 = _____	55 + 8 = _____	48 + 8 = _____
16 + 3 = _____	63 + 8 = _____	74 + 7 = _____	53 + 7 = _____	24 + 8 = _____
19 + 7 = _____	44 + 4 = _____	68 + 5 = _____	37 + 4 = _____	58 + 6 = _____
78 + 5 = _____	18 + 4 = _____	66 + 6 = _____	23 + 5 = _____	44 + 9 = _____
35 + 8 = _____	17 + 5 = _____	28 + 5 = _____	35 + 8 = _____	48 + 7 = _____
56 + 5 = _____	65 + 7 = _____	78 + 9 = _____	35 + 6 = _____	47 + 9 = _____

Name: _____

Maria took a picture of her father's office building. He worked in a 50-story skyscraper. When she got the picture, she saw that she had only taken a picture of the highest 28 stories. Write a fraction for the part of the building that was in the picture.

According to the polar bear census taken in the Alaskan Native Wildlife Refuge, there were 35 polar bears born last month. Of that number, 20 were female and the rest were male. What is the ratio of females to males? (Express your answer as a fraction in lowest terms.)

The fourth grade class was playing the fifth grade class a game of Five Dollars. The first team to reach 300 points would win. The fourth grade class has 43% of the points they need to win. How many more points does the fourth grade class need to win?

Can 592 be evenly divided by 5? Circle:
592 is evenly divisible by 5
592 is NOT evenly divisible by 5

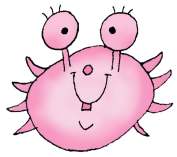
20 ÷ 5 = _____

$$\begin{array}{r} 82 \\ -\ 38 \\ \hline \end{array}$$

$$\begin{array}{r} 638 \\ -\ 298 \\ \hline \end{array}$$

Ava rolls a die. What is the chance of her rolling a 2?

_____



Rewrite these in increasing order of length:

657 m, 164 cm, 26 mm, 556 dm, 4 km

Name: _____

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

T	H	R			D	D		C	D
	T	M		L	D		R	B	C
D	H	T	S	H		V		R	
		C	H		M	N		Y	P
Z	M	Y	M	T	D	E	C	K	Y
Z	B	D		L		G		N	T
L		C	C		D		N	T	
				M			B	L	
L		B	R			D		T	
B		M	M		N			N	B

IMMUNE • DAZZLE • MOLD
DECK • SHIVER • THUMB • COPY
AMIABLE • THREAD • ACCIDENT
ABROAD • DILIGENT • CHIMNEY

$$\begin{array}{r} 451 \\ +\ 434 \\ \hline \end{array}$$

5 x 12 =

48 ÷ 12 =

Megan is younger than Emma. Emma is younger than Rose. Who's the oldest?

4 x 8 = _____

$$\begin{array}{r} 36 \\ +\ 22 \\ \hline \end{array}$$

Write an equation to represent this:

The sum of eight and five is thirteen.

_____

26 kg = _____ g

826 - 647 = _____

24 ÷ 8 =

1 lb = 16 oz

20 lb = _____ oz

Name: _____

Sudoku Sums of 11

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 11.

Here is an example of a sudoku sum of 11:

7	4

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

How many feet are in 36 inches?

_____ feet

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

two hundred four thousand, six hundred forty-four

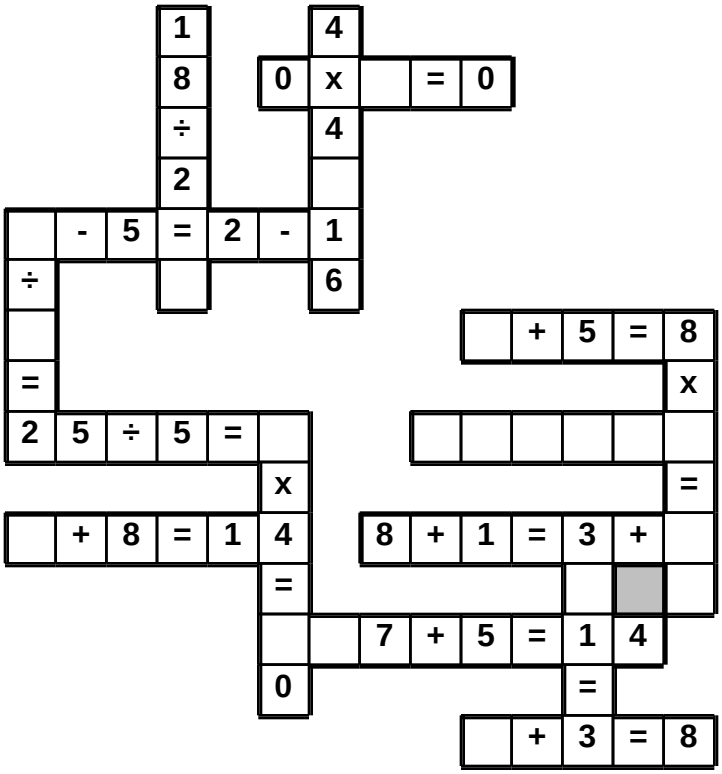
_____

word root **gamy** can mean **marriage** **monogamy, polygamy**

Name: _____

7 • = • 6 • 9 • 3 • 3 • 5 • 9 • + • 9 • = • 1 • 8 • 6 • 6 • ÷ 4 • 2 • + • 5

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



Three toys cost $15. At that rate, what is the cost of 6 toys?

1,933 + 4,167 = _____

Circle the digit in the hundredths place.

64.952

3 x 4 = _____

20 ÷ 4 = _____

8 x 5 = _____

Circle the addition property for 59 + 26 = 26 + 59.

commutative property

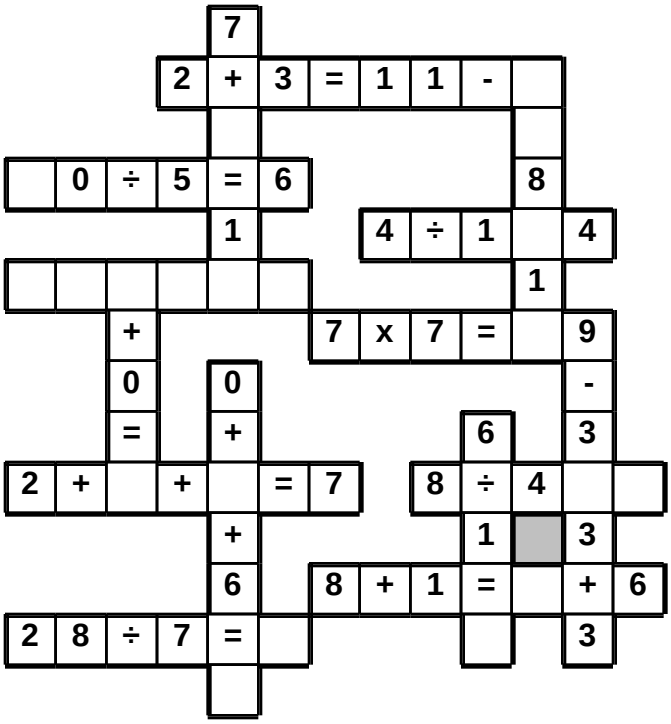
associative property

What number is halfway between 7 and 13?

Name: _____

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

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



x - 15 = 10

What is the greatest common factor of 9 and 15?

What is the least common multiple of 12 and 8?

Each side of a regular pentagon is 45.7 centimeters. What is the perimeter?

The letter V has an unknown value. If you multiply V by fifteen, the product is three. What value does V have?

1 + 90 ÷ 10

Name: _____

$8\overline{)382709}$ $4\overline{)146884}$ $6\overline{)1218}$

$3\overline{)238389}$ $9\overline{)3001}$ $7\overline{)68593}$

$17 - \frac{6}{11} + \frac{1}{4} =$

$15 - \frac{4}{7} - \frac{9}{11} =$

$5 + \frac{3}{5} - \frac{3}{8} =$

If m = -6 and a = 11 then what is 7m + 14a - 3a = ?

$6 \times 6 \times 6 \times 6 \times 6 = 6^x$

What is the value of x?

0.9 (0.7 (0.9 + 9)) =

word root **di** can mean **day** **diary**

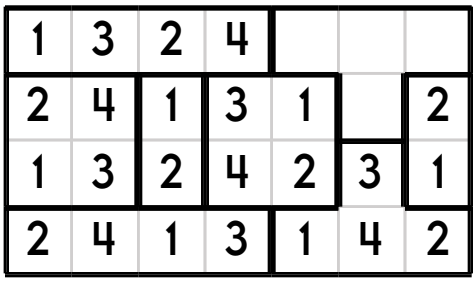
Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

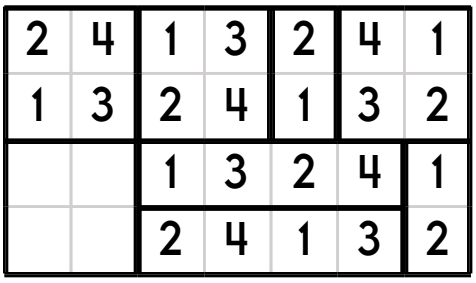
A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.



1	3	2	4			
2	4	1	3	1		2
1	3	2	4	2	3	1
2	4	1	3	1	4	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

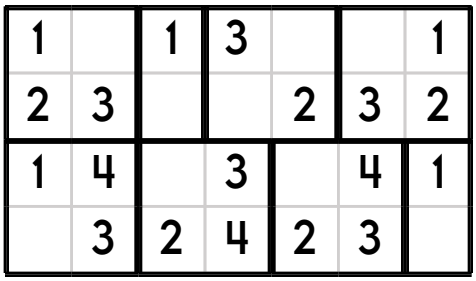
3 4 2 1



2	4	1	3	2	4	1
1	3	2	4	1	3	2
		1	3	2	4	1
		2	4	1	3	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

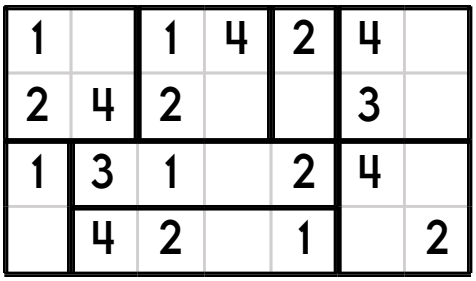
4 3 2 1



1		1	3			1
2	3			2	3	2
1	4		3		4	1
	3	2	4	2	3	

Hint - These numbers are missing:

4 1 1 1 2 2 4 4 2



1		1	4	2	4	
2	4	2			3	
1	3	1		2	4	
	4	2		1		2

Hint - These numbers are missing:

2 2 4 3 3 3 1 3 1 1

72 ÷ 9 = _____

Name: _____

Fill in the missing numbers.

1	3	2		
2		1		2
	3		4	1
2	4		3	
1		2	4	1

Hint - These numbers are missing:

3 4 1 4 3

2 1 1 2

	4		3	1
2	3		4	
1		2		1
	3	1	4	
	4		3	1

Hint - These numbers are missing:

1 3 2 2 4

1 1 2 2 2

	3	2	1
2		4	
4			1
2	1		
4	3	2	

Hint - These numbers are missing:

3 1 4 3

2 4 3 1

1			2
4	3	4	
	2		2
	4	3	4
	2		2

Hint - These numbers are missing:

2 3 1 1

3 1 1 1

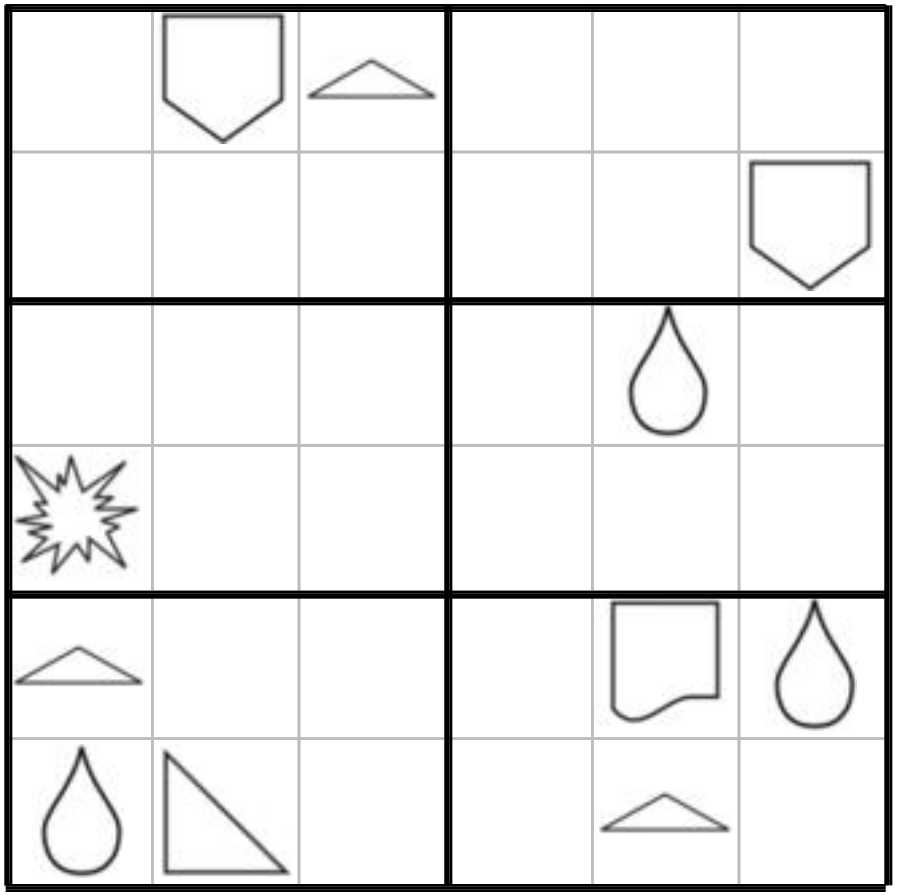
word root **ad** can mean **to** **adhesive, addition**

Name: _____

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

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

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: 7 6

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

Simplify.

$\frac{12{,}600}{25{,}200}$ =

$\frac{6}{12} \div \frac{14}{48}$ =

|76| + [-49| =

Name: _____

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

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

15v - 27.7 = 92.3

v =

(3 + 17) + 4 = 2(v + 6)

What is the value of v?

Simplify.

$\frac{58}{174}$ =

Name: _____

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 =despair
B =reign
C =extract
D =inactive
E =attract
G =revive
H =trade
I =nook
K =talon
L =ravine
N =pond
O =cable
R =bother
S =increase
T =vanished
U =separate

Clue 1:	gone	dismay	rule	gorge	lure	gone	grow
	t	a					
Clue 2:	grow	sever	remove	claw	lure	idle	
Clue 3:	gone	barter	disturb	wire	dismay	gone	
Clue 4:	grow	wire	wire	gone	barter	lure	grow
Clue 5:	barter	dismay	remove	claw	corner	lagoon	refresh

What's in the Box? _____

637 + 715 = _____

Circle the smallest number:
8,610,423 56,143,902
3,471,528,690 25,904,738,167

What should replace the R in this equation?

R ÷ 9 + 35 = 40

55 ÷ 5 = _____

21 ÷ 3 = _____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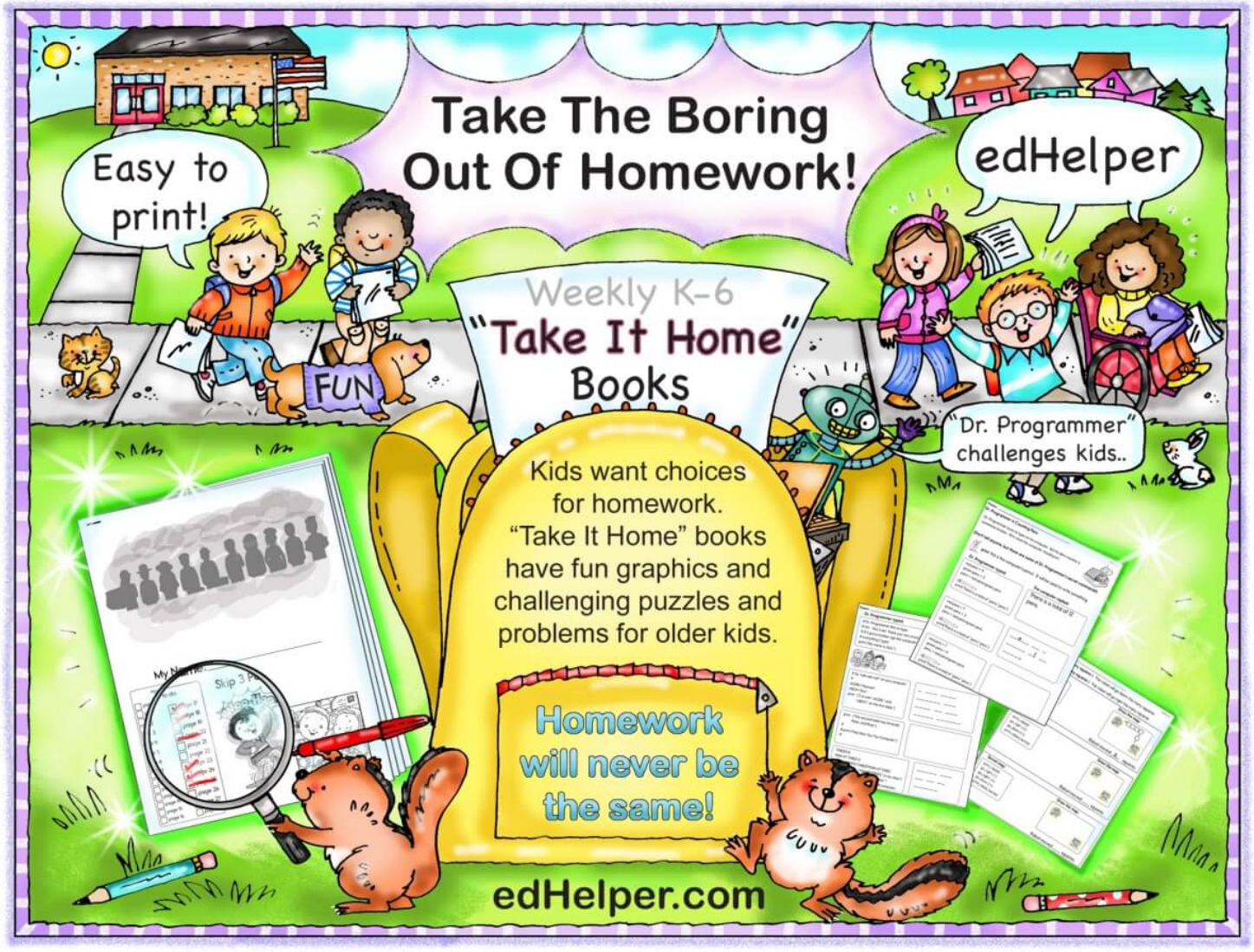
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