Name: _____

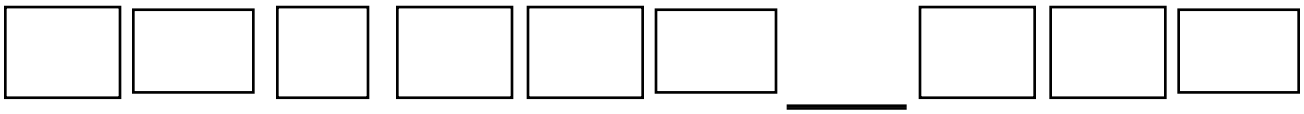
Draw the missing spots in the patterns.
Show the pattern by putting the same letter under each shape or number.

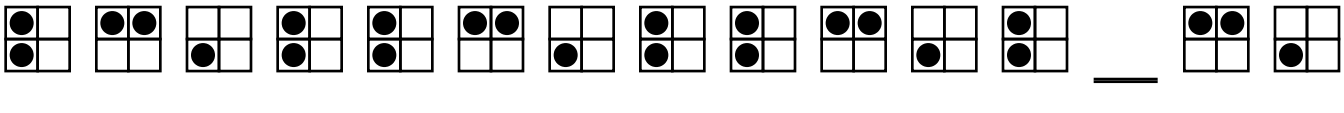
0 2 5 6 0 2 5 6 0 2 5 _ 0

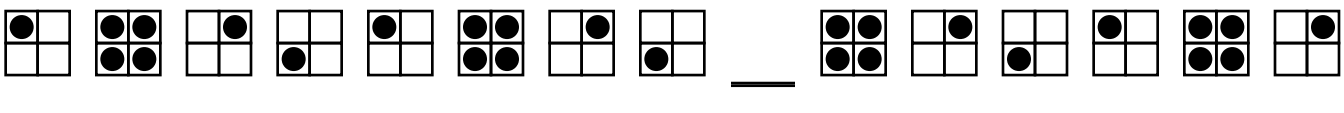
A B C D A B C D A B C D A

0 5 0 0 5 0 0 _ 0 0 5 0 0

6 4 4 6 4 4 6 4 4 6 _ 4 6





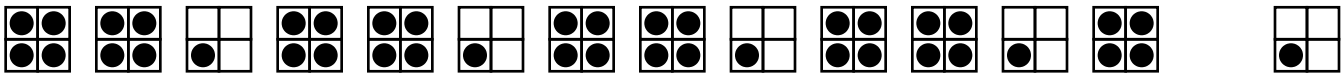


Name: _____

Draw the missing spots in the patterns.

4 0 6 1 4 0 6 1 4 _ 6 1 4

6 2 2 6 2 _ 6 2 2 6 2 2 6



Draw your own patterns.

6 8 7 6 8 7 6 8 7 6 8 7 6

ABC pattern

Draw an ABCD pattern.

Draw an ABCB pattern.

Draw an ABC pattern.

Draw an ABB pattern.

I drew an _____ pattern.

Name: _____

Mental Math

= Do it in your head!

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 2 in your head add 1 Write the number. ____ A	imagine 3 in your head add 5 add 9 Write the number. ____ ____ B C	imagine 3 in your head add 6 subtract 2 Write the number. ____ D	imagine 9 in your head subtract 4 add 5 Write the number. ____ ____ E F

What is the sum?

A + B + C + D + E + F

____ ____

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

____ ____ ____ ____ **t** **e** ____ ____

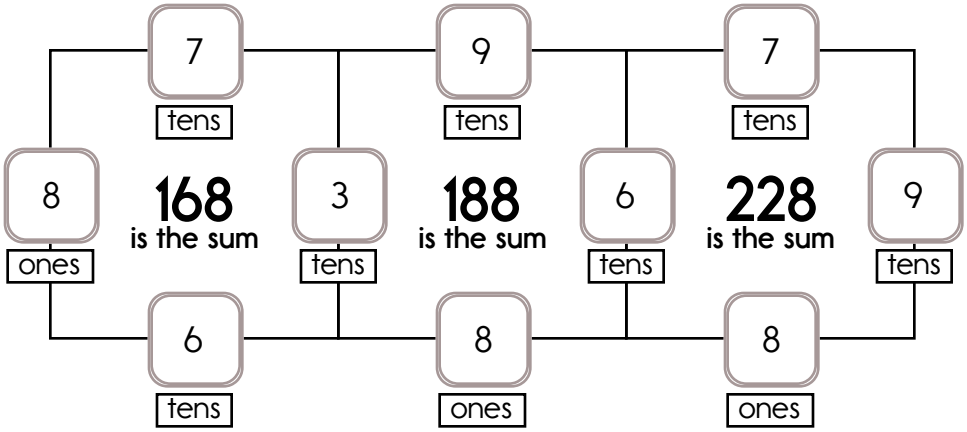
4 before 19 _____	5 after 13 _____	3 after 12 _____
2 before 15 _____	7 after 18 _____	2 after 14 _____
9 before 18 _____	8 after 17 _____	1 after 11 _____
5 before 11 _____	4 after 16 _____	6 after 15 _____

Name: _____

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

Example:

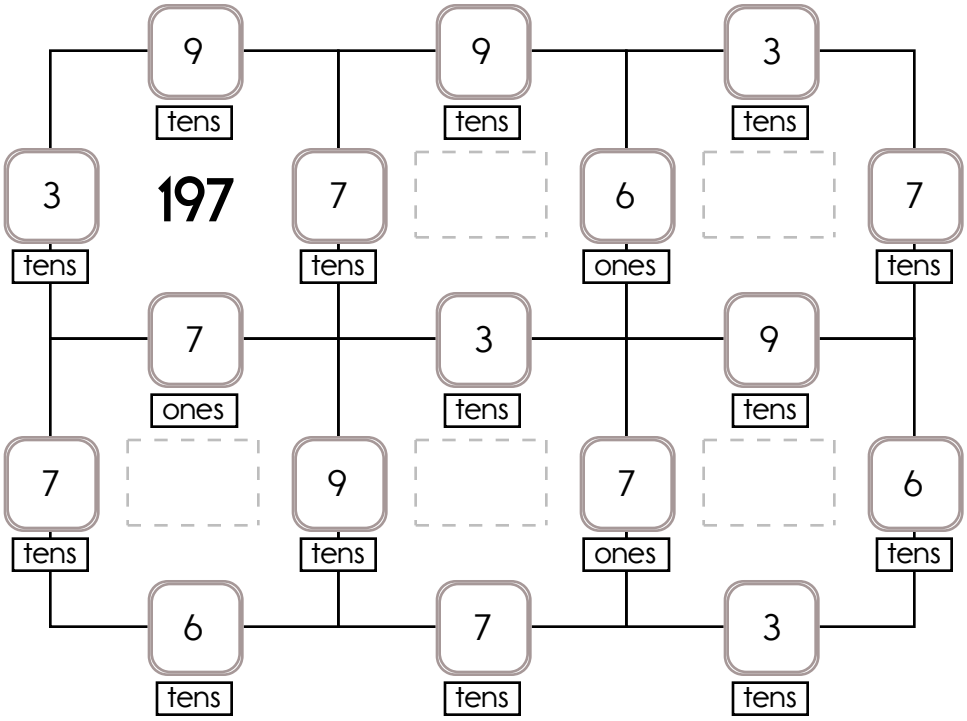
8 + 30 + 70 + 60 = 168



Example:

60 + 90 + 70 + 8 = 228

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



Circle all the ways to make 9.

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

Circle the third letter.

6, A, 8, B, R, 1, X, Z, 7, 3, 8, F, D, 1, D, 4, 2

Circle all the ways to make 12.

12 + 1 2 + 10 6 + 6
4 + 8 1 + 11 3 + 11
5 + 7 3 + 9 2 + 12

Name: _____

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

128, 112, _____, _____, 64, 48, 32, 16

160, 144, _____, _____, _____, 80, 64, 48

_____, _____, 144, 128, 112, 96, _____, _____

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

U, H, U, H, U, H, U, H, U, H, U, H, U, ___

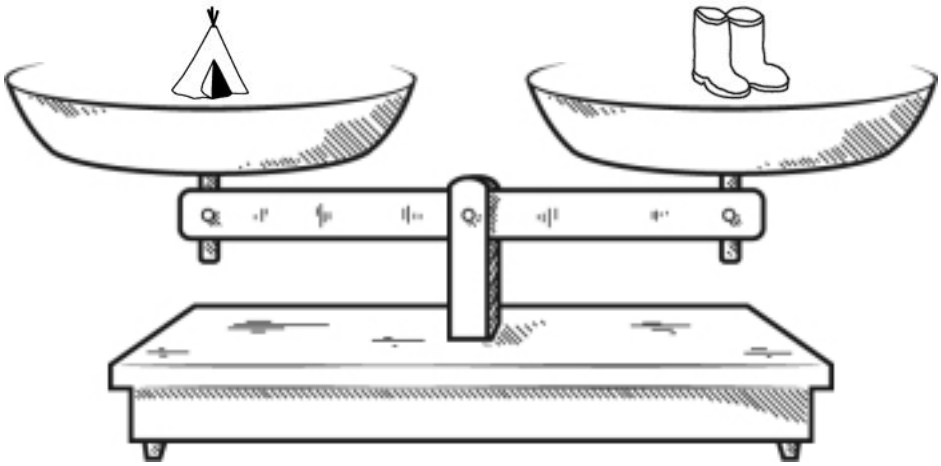
G, O, ___, O, G, O, G, ___, ___, O, G, O

L, R, L, R, L, R, L, ___, ___, R, L, ___

Name: _____

7 + 4	9 + 9	3 + 6	6 + 4	3 + 3	3 + 4	7 + 8	5 + 8	3 + 9
5 + ☐ = 8	7 + 3 = ☐0	6 + 3 = 9	☐ + 7 = 12	6 + 2 = 8	☐ + 9 = 11	5 + 4 = 9	☐ + 2 = 10	☐ + 3 = 5
5 + 5	6 + 1	7 + 9	2 + 7	8 + 4	5 + 2	6 + 8	8 + 9	3 + 2
4 + ☐ = 5	7 + 5 = ☐2	☐ + 1 = 2	7 + ☐ = 9	9 + ☐ = 12	☐ + 5 = 11	5 + ☐ = 14	8 + ☐ = 11	2 + 8 = ☐0
9 + 5	1 + 6	9 + 1	7 + 6	5 + 1	9 + 4	1 + 8	2 + 4	8 + 7
☐ + 2 = 6	7 + ☐ = 14	☐ + 1 = 3	3 + 1 = 4	9 + ☐ = 17	4 + 5 = 9	☐ + 5 = 6	3 + ☐ = 10	3 + ☐ = 11

Name: _____



Look at the balance. What does it tell you? Write a sentence to explain.

_____

 ☐ True ☐ False

 ☐ True ☐ False

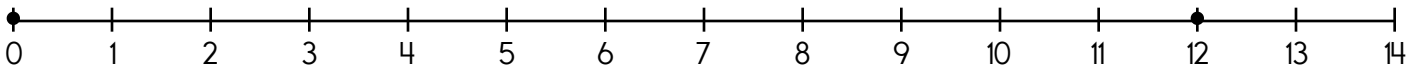
 ☐ True ☐ False

 ☐ True ☐ False

 ☐ True ☐ False

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!



12 - _____ = 0

Name: _____

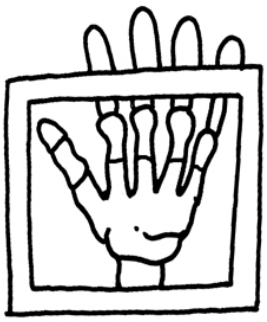
Circle the letters to the word. Write the word.

E

N

P

___ ___ ___



R

X Y

-

A

___ - ___ ___ ___

L T

T

E

E

E U C A

___ ___ ___ ___ ___ ___ ___

E

E L

A P

E

G

___ ___ ___ ___ ___

S

P S

N

O T

___ ___ ___ ___

T

E

R

E U B

T

___ ___ ___ ___ ___ ___

16, ___, ___, 19, ___, 21

Which number should replace the first blank?

7, 9, 11, 13, 15, 17, _____, 21

7 + 2 = ___

8 + 2 = ___

word root **fract** can mean **break** **fractional, fracture, infraction**

Name: _____

Solve the story using the clues. Fill in the chart using Y for yes or N for no.

	1	2	5	3
 Joshua	N By clue 1.			N By clue 1.
 Steven				
 Brittany				
 Jennifer				

The Story

Four kids are each in a different grade. Figure out which grade they are in.

The Clues

1. Joshua is not in third grade and is also not in first grade.
2. Jennifer is not in first grade and is also not in third grade.
3. Steven is not in first grade and is also not in second grade.
4. Jennifer is not in fifth grade.

Name: _____

Solve the story using the clues. Fill in the chart using Y for yes or N for no.

	2	3	1
 James			
 Elizabeth			
 Sydney			

The Story

Three kids ran a race against each other. In what order did they finish?

The Clues

1. A girl finished second.
2. James finished the race in front of Sydney.
3. Sydney finished after Elizabeth.

Name: _____

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

24, 20, 16, _____, _____, 4
56, 52, 48, _____, 40, 36, 32, _____
76, 72, _____, _____, 60, 56, _____, _____, 44, 40
40, 36, 32, 28, 24, 20, _____, _____, _____

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

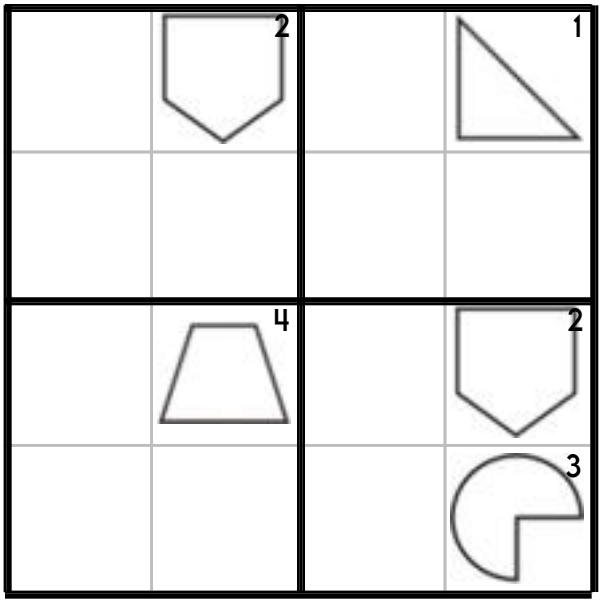
10, 12, _____, 16, 18, 20
12, 14, 16, 18, 20, _____, _____, _____, _____, 30
_____, _____, 10, 12, 14, 16, _____, _____, 22

Name: _____

Each row, column, and box must have the numbers 1 through 4. The first box is done.

2	4		
3	1	2	
1	2		

Each row, column, and box must have 4 different pictures.



Name: _____

Solve the story using the clues. Fill in the chart using Y for yes or N for no.

	1	2	3
 Tyler			
 Brittany			
 Katherine			

The Story

Three kids ran a race against each other. In what order did they finish?

The Clues

1. A boy finished third.

2. Brittany was not the second place runner.

Name: _____

Cross off the letter that does NOT belong.

A, B, D, F, H, J, L, N, P, R, T, V, X

Why does _____ not belong in the pattern?

Cross off the letter that does NOT belong.

C, G, J, K, O, S, W

Why does _____ not belong in the pattern?

Name: _____

Puzzle:

			15
			16
			9
12	16	12	+

Work Area:

			15
			16
			9
12	16	12	+

The sum for each column and row is given.

 = _____  = _____  = _____

Puzzle:

			12
			16
			12
13	20	7	+

Work Area:

			12
			16
			12
13	20	7	+

The sum for each column and row is given.

 = _____  = _____  = _____

 = _____  = _____

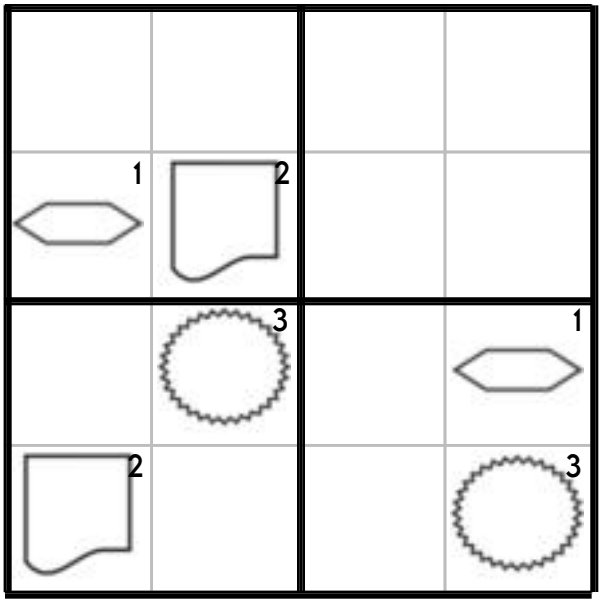
word root **inter** can mean **between** **interstate, international**

Name: _____

Each row, column, and box must have the numbers 1 through 4. The first box is done.

4	3		
1	2		3
	4		
		2	

Each row, column, and box must have 4 different pictures.



Name: _____

Sudoku Sums of 7

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 7.

Here is an example of a sudoku sum of 7:

1	6

		6	1		2
		4			5
	1			6	
			3		
5					4

What is ten less than 68?

Double two.

How much is this?

60, 72, 84, 96, _____, 120, 132, 144, 156, 168

D, I, N, _____, X

What is ten more than 65?

Name: _____

Each row, column, and box must have the numbers 1 through 6.

		4			1
3				5	
	6	5			2
		3		1	
5		1			

forget • snore • when • bring • shy • cube

Each row, column, and box must have all the words from the word list. Write in the missing words.

cube					
		snore		when	
			forget	shy	
				bring	when
		when		snore	
bring					

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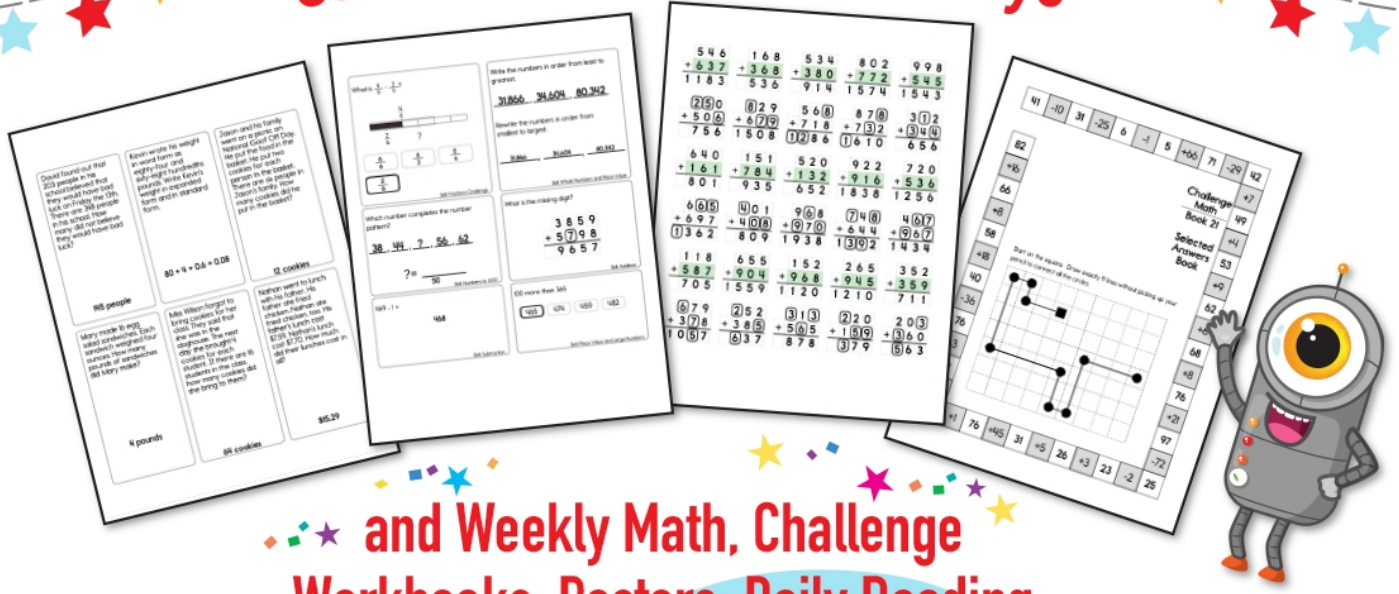

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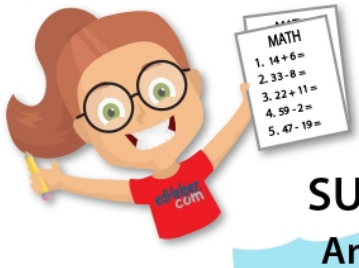

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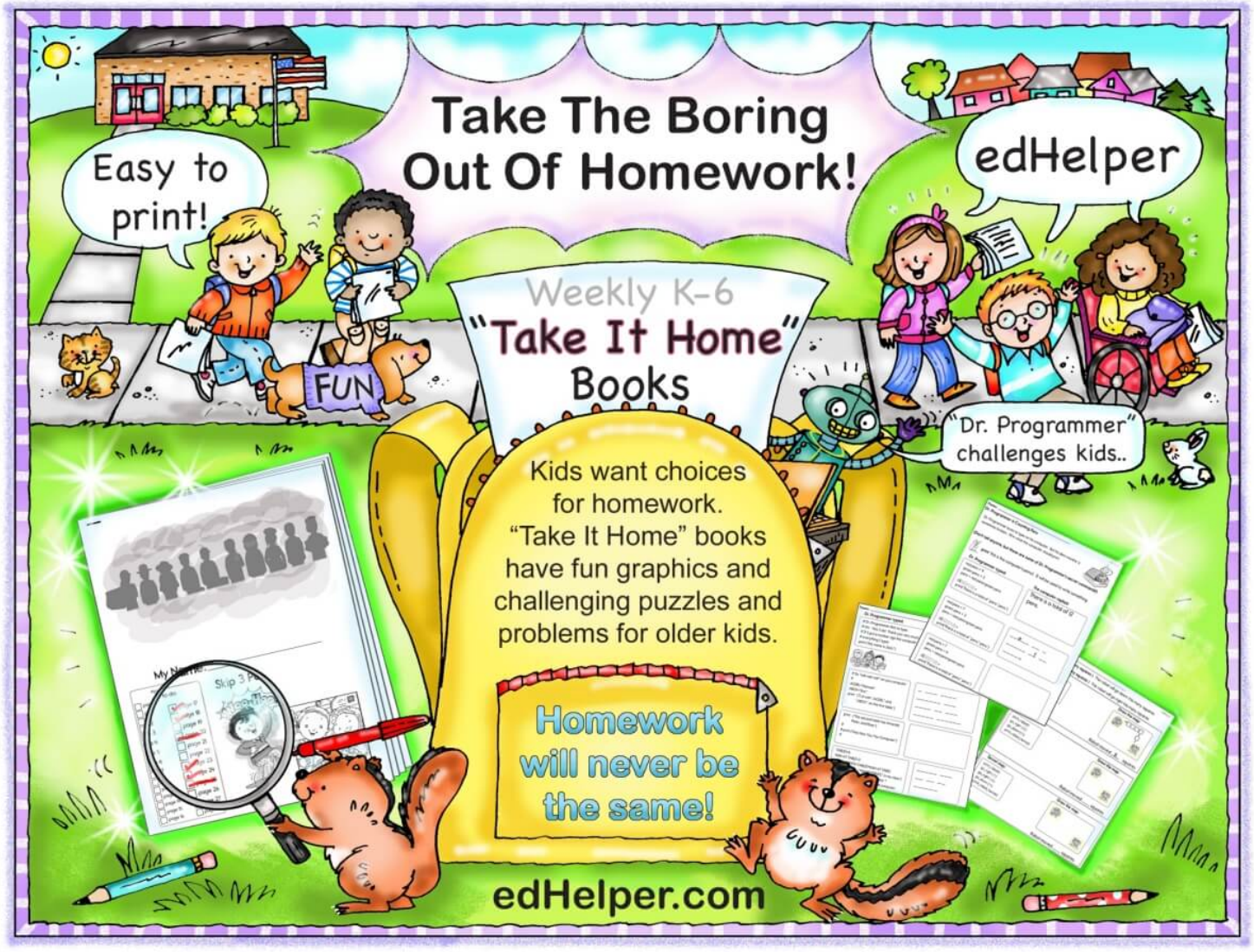
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