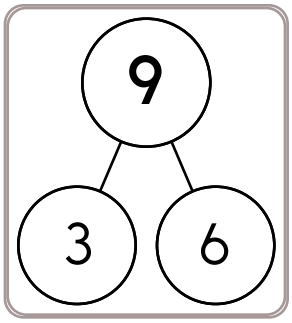
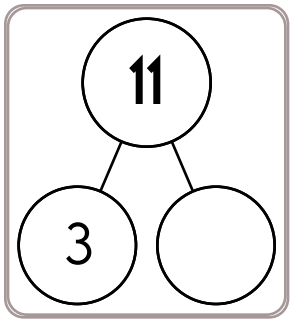
Name: _____

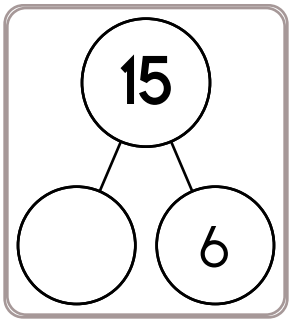
Get a fidget spinner! Spin it.

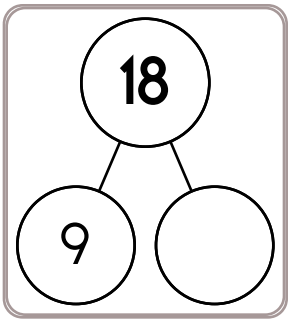
I needed to spin _____ time(s) to finish.

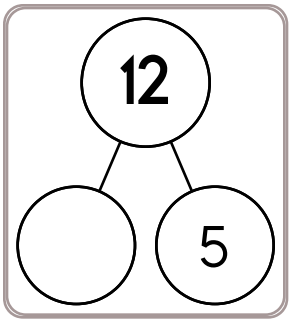
4 + 5 = _____	15 ÷ 3 = _____	8 x 4 = _____	7 + 6 = _____	4 + 4 = _____
8 x 8 = _____	7 + 5 = _____	5 x 5 = _____	8 + 3 = _____	25 ÷ 5 = _____
7 x 6 = _____	6 + 5 = _____	6 - 5 = _____	4 x 7 = _____	3 + 4 = _____
3 + 4 = _____	36 ÷ 6 = _____	4 x 7 = _____	4 + 7 = _____	4 + 9 = _____
6 + 4 = _____	3 + 5 = _____	8 x 5 = _____	9 - 8 = _____	4 x 3 = _____











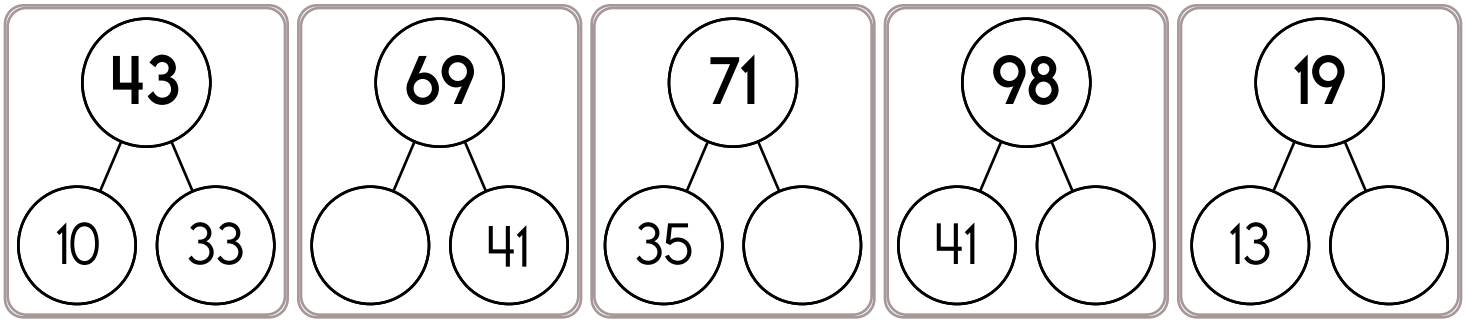
43 + 3 = _____	26 + 5 = _____	39 + 3 = _____	79 + 6 = _____	67 + 5 = _____
19 + 5 = _____	57 + 3 = _____	18 + 3 = _____	63 + 7 = _____	43 + 8 = _____
55 + 3 = _____	38 + 5 = _____	78 + 9 = _____	26 + 3 = _____	55 + 8 = _____
75 + 9 = _____	39 + 4 = _____	25 + 7 = _____	14 + 8 = _____	45 + 6 = _____
67 + 9 = _____	25 + 5 = _____	33 + 7 = _____	77 + 5 = _____	14 + 3 = _____
54 + 6 = _____	66 + 4 = _____	43 + 6 = _____	77 + 3 = _____	24 + 6 = _____
48 + 4 = _____	53 + 7 = _____	17 + 4 = _____	64 + 4 = _____	34 + 8 = _____
14 + 8 = _____	38 + 7 = _____	56 + 8 = _____	74 + 7 = _____	26 + 6 = _____
63 + 6 = _____	43 + 4 = _____	17 + 4 = _____	79 + 8 = _____	34 + 7 = _____
66 + 9 = _____	47 + 7 = _____	25 + 7 = _____	58 + 6 = _____	58 + 3 = _____
45 + 3 = _____	67 + 5 = _____	38 + 9 = _____	14 + 7 = _____	73 + 8 = _____
29 + 9 = _____	36 + 4 = _____	55 + 8 = _____	69 + 7 = _____	44 + 6 = _____
73 + 2 = _____	24 + 3 = _____	13 + 5 = _____	76 + 4 = _____	68 + 4 = _____

Name: _____

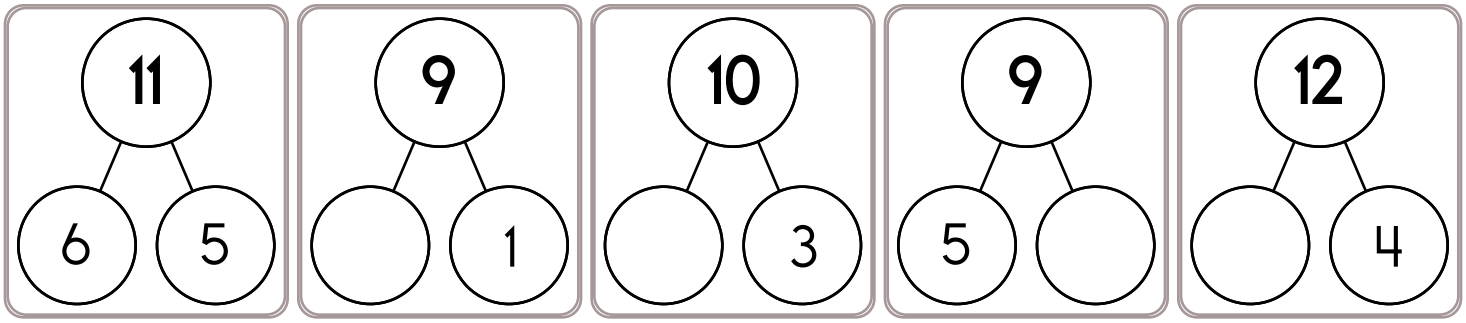
Spin again.

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

56 ÷ 8 = _____	4 x 4 = _____	3 + 7 = _____	5 + 4 = _____	7 + 7 = _____
8 x 5 = _____	6 + 3 = _____	8 x 7 = _____	6 x 3 = _____	28 ÷ 4 = _____
6 + 7 = _____	8 + 9 = _____	7 - 4 = _____	7 + 9 = _____	4 + 4 = _____
6 x 9 = _____	5 + 5 = _____	9 + 7 = _____	5 - 4 = _____	25 ÷ 5 = _____
8 + 5 = _____	7 + 9 = _____	6 x 5 = _____	4 x 8 = _____	32 ÷ 8 = _____



78 + 8 = _____	58 + 4 = _____	36 + 3 = _____	24 + 5 = _____	44 + 8 = _____
68 + 4 = _____	17 + 6 = _____	59 + 5 = _____	29 + 8 = _____	13 + 5 = _____
47 + 4 = _____	63 + 6 = _____	34 + 4 = _____	74 + 7 = _____	17 + 9 = _____
46 + 3 = _____	56 + 7 = _____	66 + 9 = _____	73 + 8 = _____	38 + 3 = _____



28 + 7 = _____	18 + 6 = _____	55 + 4 = _____	78 + 9 = _____	39 + 9 = _____
67 + 6 = _____	46 + 8 = _____	53 + 8 = _____	48 + 3 = _____	73 + 7 = _____
16 + 6 = _____	25 + 6 = _____	35 + 7 = _____	66 + 4 = _____	48 + 4 = _____
65 + 9 = _____	27 + 8 = _____	57 + 3 = _____	33 + 8 = _____	78 + 3 = _____
14 + 5 = _____	36 + 7 = _____	68 + 5 = _____	75 + 8 = _____	28 + 5 = _____

Name: _____

Kathleen had 17 pennies. She gave Molly 3 pennies. How many pennies did Kathleen have left?

Sara saw 10 cookies on a plate. She ate 3 of them. How many cookies were left on the plate?

Mr. Grumpy had 29 strawberries. He ate 9 strawberries. How many strawberries were left?

77 + 63 = _____

three hundred sixty-two

David had 11 apples. He gave some away. He had 3 left. How many apples did he give away?

Write the missing sign.

8 ___ 6 = 2

65 - 24	82 + 65

Write this number using words.

Circle the fourth letter.

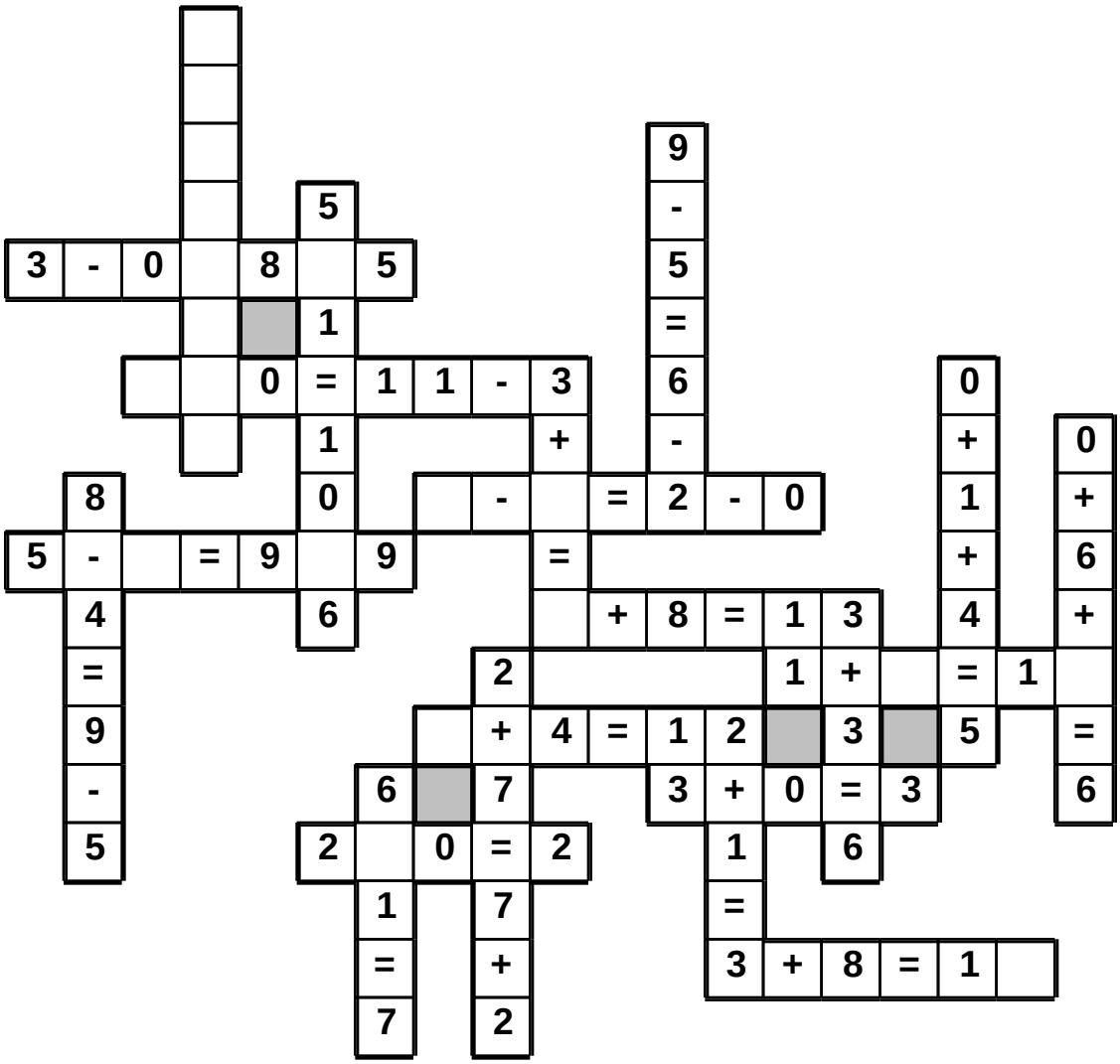
F V L T K R D J

word root **ultra** can mean **beyond** **ultrasonic**

Name: _____

1 • 2 • - • 8 • = • - • 8 • 8 • - • 4 • 4 • 2 • 5 • - • 5 • 9 • 0
8 • + • 1

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



Do you use A.M. or P.M. to write 9:00 in the evening?

_____

55 + 7 = _____

19
+ 72

Add the correct end punctuation for this sentence.

I love riding roller coasters

Name: _____

Write the ordinal number that comes after fifty-second.

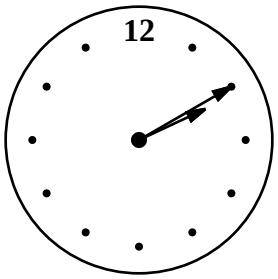
_____

Write the number for seventy-five thousand four hundred thirty.

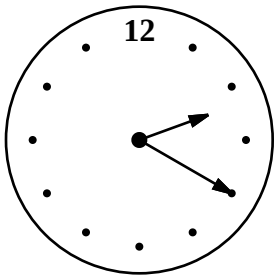
_____

$$\begin{array}{r} 7 \\ \times\ 10 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ \times\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ \times\ 8 \\ \hline \end{array}$$



current time (pm)



time party starts (pm)

How long until the party? _____

Connor wanted to build a doghouse for his puppy. He measured the sides and the end. The sides were 26 inches long and the end was 19 inches long. How much longer are the sides than the end?

What temperature is nineteen degrees above freezing in Celsius?

_____

What is one-tenth of 60?

_____

What are the first four multiples of 8?

_____

$$\begin{array}{r} 3 \\ 5 \\ +\ 72 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ \times\ 12 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ \times\ 5 \\ \hline \end{array}$$

Write the fraction for 0.87.

_____

Name: _____

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

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

HILARIOUS • LIVE • SKIPPER
YELLOW • KNOWN • GLORY
TREMOR • DISTRACT • AWARE
VELVET • NATION • WOOL • TASK

What is the area of a square that measures 7 ft on one of its sides?

_____

What is the mode of these numbers?

17, 25, 21, 28, 16, 21, 24, 20, 24, 28, 19, 20

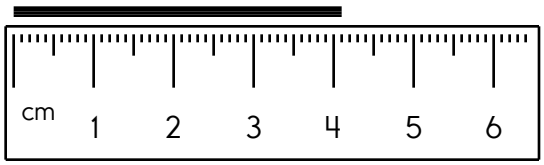
_____

77 - 46 = _____

$6\overline{)24}$

Write the length in centimeters.

_____



- ○ sehlue
- ○ sily
- ○ silly
- ○ sihlea

If ☐ = 12, then 14 - ☐ = _____

What is the meaning of the underlined phrase?

I wanted to help my mom make my sister's birthday cake, but she cautioned me that <u>too many cooks spoil the broth.</u>

_____

$$\begin{array}{r} 56 \\ -\ 44 \\ \hline \end{array}$$

Name: _____

446 − 286	194 + 928	914 − 750	786 + 257	568 − 393
97 + 68	110 − 29	53 − 14	31 + 29	11 + 40
724 − 131	981 + 561	978 − 357	1,460 − 491	1,334 − 996
88 + 23	79 + 68	14 + 24	127 − 86	64 − 43
62 − 46	37 + 56	32 + 52	73 + 70	22 − 11
782 − 110	211 + 404	596 + 958	307 + 501	1,020 − 797
649 − 76	919 − 28	377 + 17	435 + 12	757 − 99

9
+ 6
= □

+ 7
= □

− 8
14
+ □
= 17

+ □
= 22

+ □
= 26

+ 7
= □

− 8
25
+ □
= 31

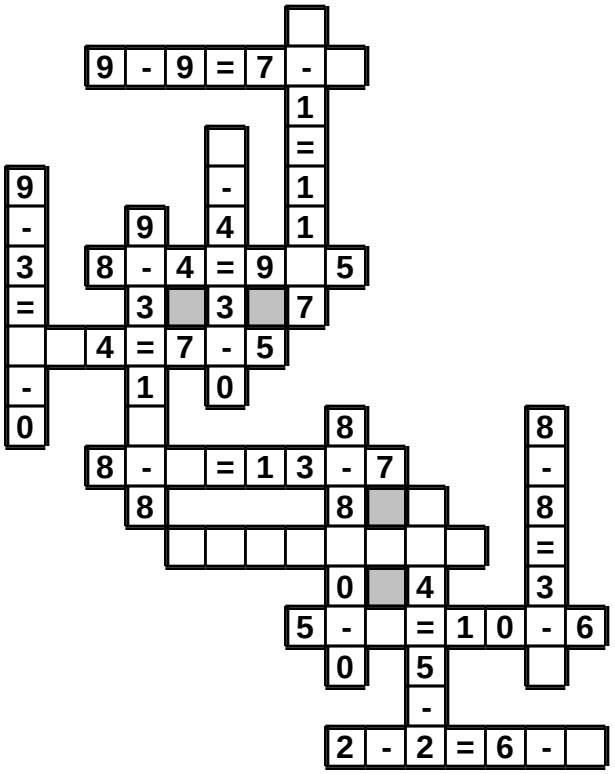
− □
= 29

+ □
= 35

Name: _____

5 • 7 • 7 • - • 6 • - • 4 • 2 • 7 • 1 • 1 • - • 8 • = • 5 • - • 2 • 1
3 • 6

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



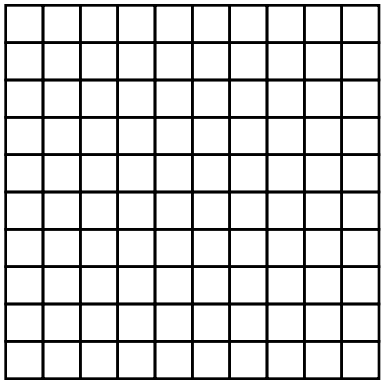
If you add 5 to me, the sum is 69. What number am I?

_____

Make a pattern.
Start with 46.
Subtract 4.

_____ , _____ , _____ , _____ , _____ , _____

Color 0.78.



Is 29 prime or composite?

_____

What is the range of these numbers?

17, 21, 18, 25, 19, 24, 21

_____

$$\begin{array}{r} 49 \\ +\ 47 \\ \hline \end{array}$$

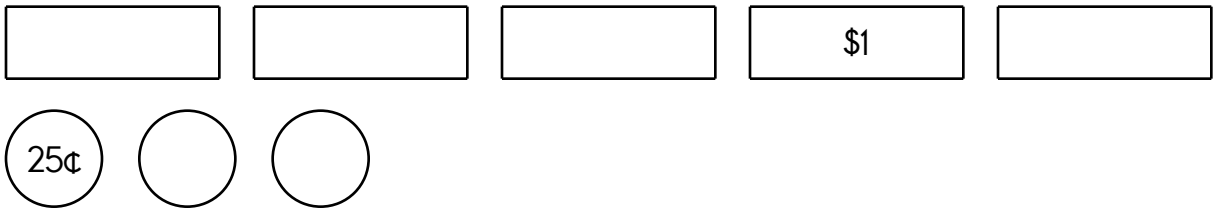
$4\overline{)36}$

word root **ate** can mean **cause** **implicate, create**

Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make $43.36.



Use the fewest bills and coins to make $35.12.

Use the fewest bills and coins to make $14.24.

Use the fewest bills and coins to make $27.24.

What is the value of the BIG digit?

606,724,0**7**6

_____

List the first five multiples of 9.

_____ _____ _____ _____ _____

word root **intro** can mean **within** **introversion, introvert**

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?

Mental Math

= Do it in your head!

A	B	C	D E
imagine 2 in your head	imagine 8 in your head	imagine 4 in your head	imagine 6 in your head
multiply 12	multiply 5	add 8	multiply 10
double it	subtract 9	double it	subtract 9
	double it	subtract 8	subtract 6
		add 2	double it
		subtract 6	subtract 8
	Add the tens digit to the ones digit.		Add the tens digit to the ones digit.
Write the tens digit.	Write the sum.	Write the ones digit.	Write the sum.
____	____	____	____ ____

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?

____ ____ ____ ____ ____ **e** **n**

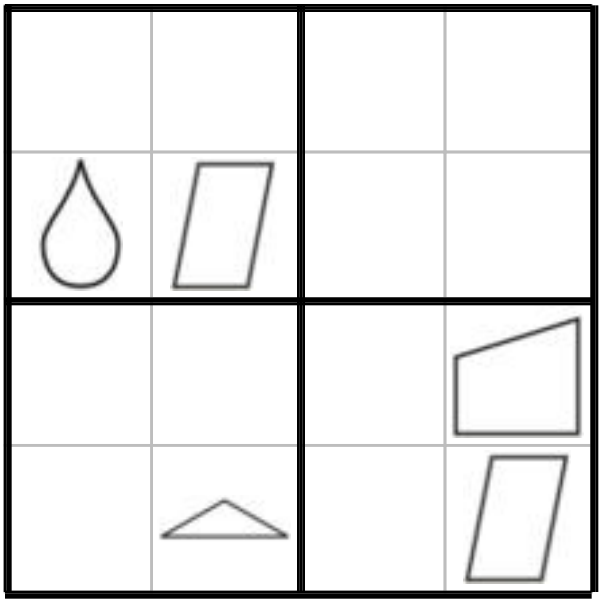
8 before 14 _____	2 after 17 _____	1 after 16 _____
3 before 12 _____	4 after 12 _____	7 after 14 _____
9 before 16 _____	8 after 11 _____	9 after 19 _____

Name: _____

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

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

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



Name: _____

Write the final part of each math analogy.

third, fifth, seventh, ninth, ____ : eleventh :: second, fourth, sixth, eighth, ____ :

Explain why you think your answer is correct.

9 groups of 4 : 3 groups of 12 :: 8 groups of 3 :

Explain why you think your answer is correct.

two tens and eight ones : 28 :: seven tens and six ones :

Explain why you think your answer is correct.

nine : ninth :: fourteen :

Explain why you think your answer is correct.

Name: _____

Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9:

6	3

5					
	2				
	4			3	6
2					4
3		1		4	

36 ÷ 6 =

This number is one hundred more than 5,429.

You need to add what to 68 to get 77?

In the parking lot there are 14 vehicles. There are 2 SUVs. What fraction of the vehicles are not SUVs?

There are 3 groups of 4 rocks. How many rocks?

The number 63 is more than the number 7 by how much?

Name: _____

Can you guess the word?

No duplicate letters can be used.

T	A	W	D	R	Y

The letter T is in the word and is in the correct spot.

H	E	A	R	T	Y

The letter E is in the word, but E is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

B	E	T	R	A	Y
R	E	C	A	N	T

D F G H I J K L M O P Q S U V W X Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

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

Hint: There are no duplicate letters in the answer.

S	E	C	O	N	D
Q	U	A	V	E	R
H	A	B	I	L	E

F G J K M P T W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

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

Hint: There are no duplicate letters in the answer.

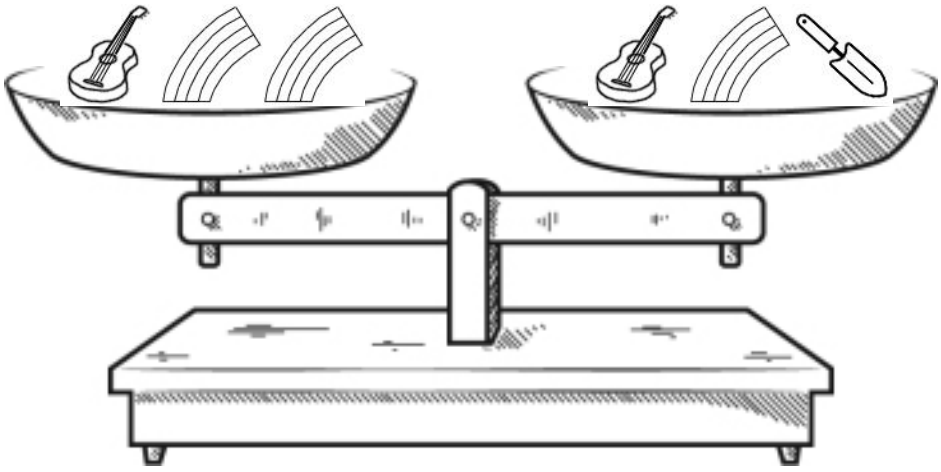
C	U	S	T	O	M
P	E	R	S	O	N

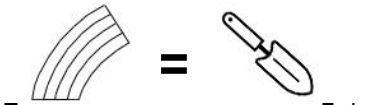
A B D F G H I J K L Q V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

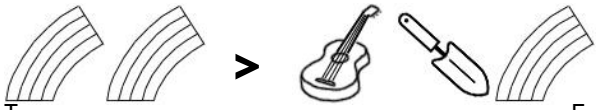
S I N M P S T X S E O S N S I C C P I
O E A R R N W S C I P P I P G Y F N S
P U N E G N R O O U E S E S P Y I O R
H R N O R L O T P Q S L I R O J P U C
N H E R S E I O L R T T O S S R R P S
R R S M V C P T B N I S O N I O T Y S
P R R O C P A Z O S S S N M O P N P E
U U O K D U Y S T S K J O T O L P Y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

Name: _____





☐ ☐



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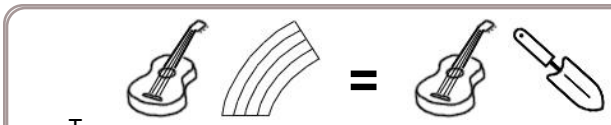
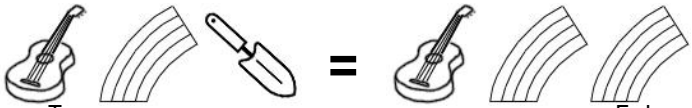
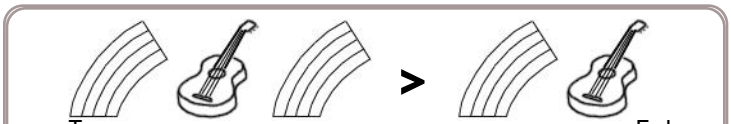


☐ ☐

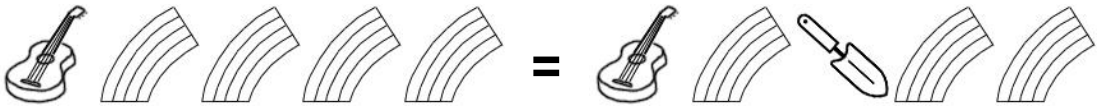


☐ ☐



☐ ☐

☐ ☐



☐ ☐

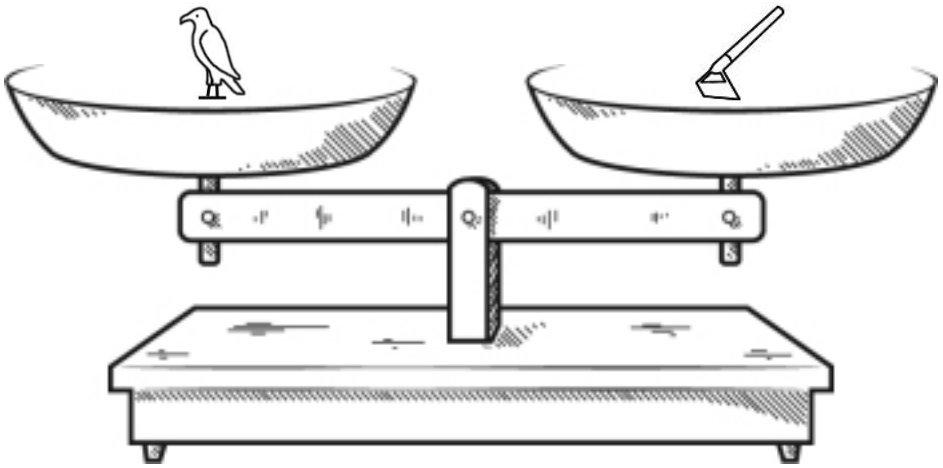
Did you find that five are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

word root **per** can mean **through** **percolate, permeate**

Name: _____



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

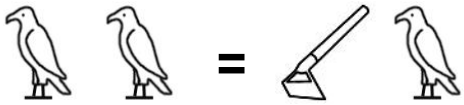
_____

 = 

True ☐ False ☐

 = 

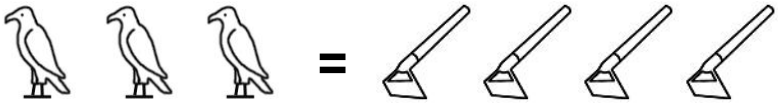
True ☐ False ☐



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!

What is the homophone of this word?
steel

_____

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.

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

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

3 2 4 1

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

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

Hint - These numbers are missing:

2 1 2 4 1 1 3 2

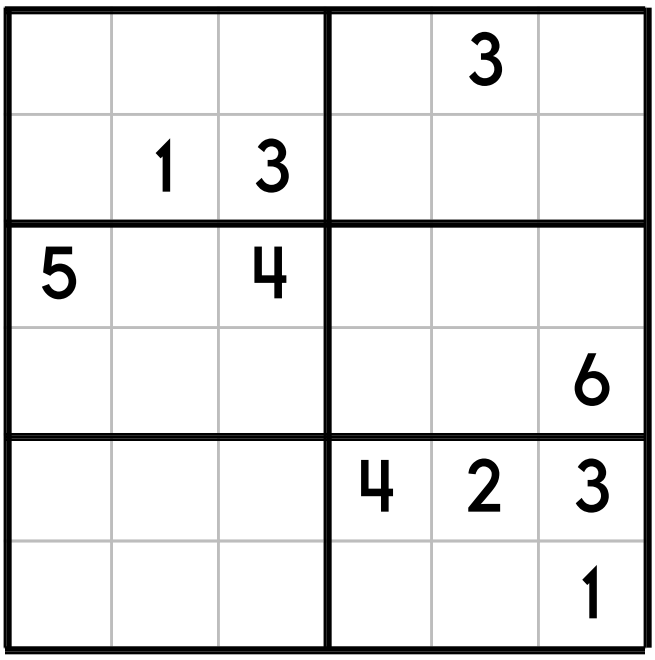
2	1	4		4	
4			1	2	1
	1	4		4	
4	3	2		2	1

Hint - These numbers are missing:

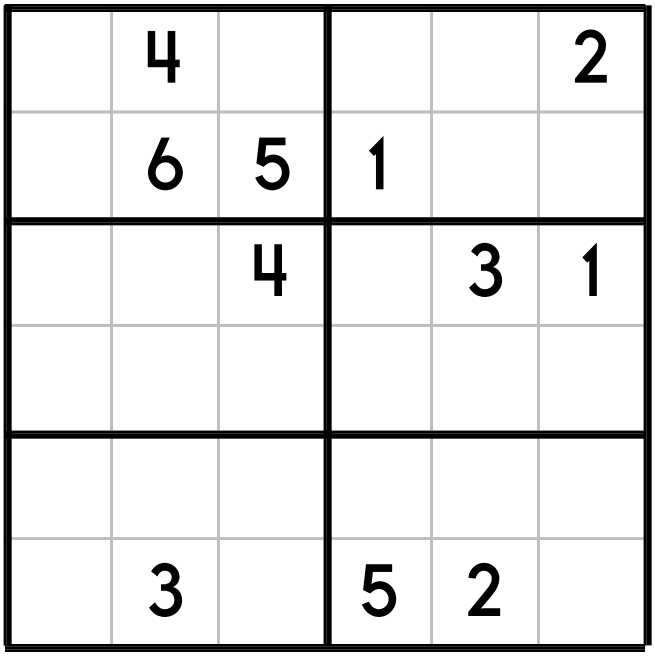
1 3 3 2 3 3 3 2

Name: _____

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

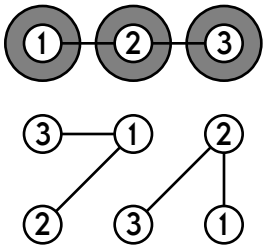


Each row, column, and box must have the numbers 1 through 6.

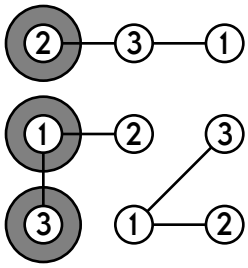


Name: _____

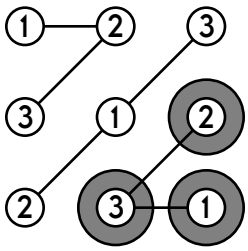
Each column must contain different numbers.

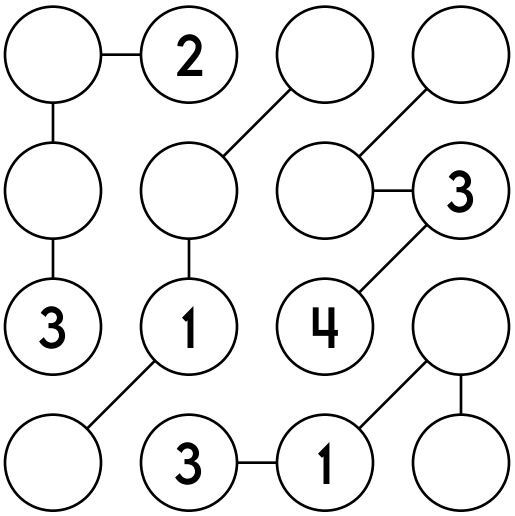


Each row must contain different numbers.

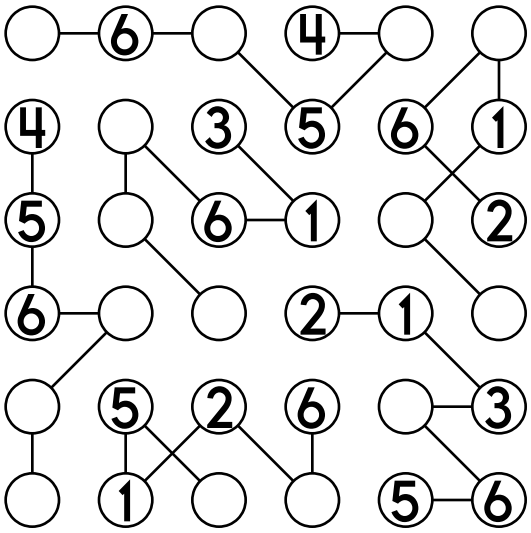


Each connected group must contain different numbers.

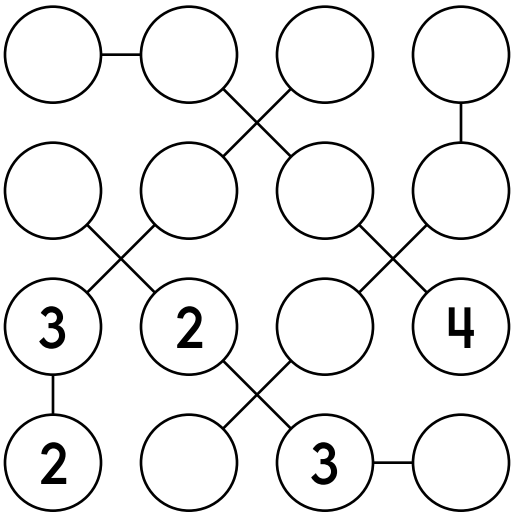




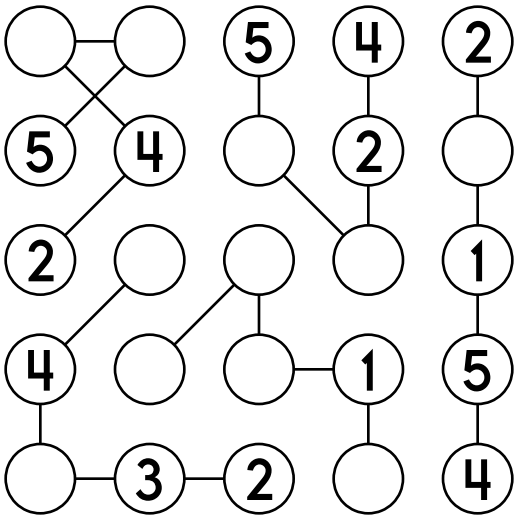
Use the numbers 1 through 4.



Use the numbers 1 through 6.



Use the numbers 1 through 4.



Use the numbers 1 through 5.

Name: _____

Sudoku Sums of 11

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 11.

Here is an example of a sudoku sum of 11:

1	10

3					
		6			
	2		6		
		1		4	
					6
	4			3	5

How many total legs are on 2 elephants and 4 owls?

What is the sum of 10 and 774?

61, _____, 89, 103, 117, 131, 145, 159, 173, 187

Which of the following is the greatest possible 2-digit number with all different digits?

___ ÷ 7 = 4

Name the shape with seven sides and seven angles.

Name: _____

skills • pillow • airplane • wander • attempts • above

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

			attempts	wander	
					airplane
airplane	pillow		above		
skills					
					above
		above	pillow	skills	

If K + K = 6, then what does K equal?

_____

Complete each analogy with the best word.

thunder ears | snow country | teacher clouds | leader friend

see : lightning ::

hear : _____

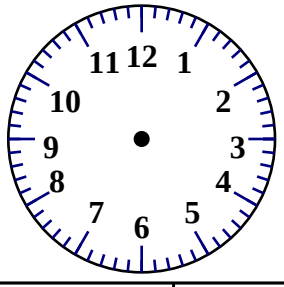
United States : nation ::

President : _____

Which is larger, $\frac{1}{3}$ or $\frac{3}{11}$?

_____

05 : 30



If there are two red marbles and three yellow marbles in a box, what is the probability that you will pick out a red one with your eyes shut?

_____

Fill in the missing fractions.

_____ , $\frac{6}{9}$, $\frac{7}{9}$, _____

$$\begin{array}{r} 59 \\ +\ 99 \\ \hline \end{array}$$

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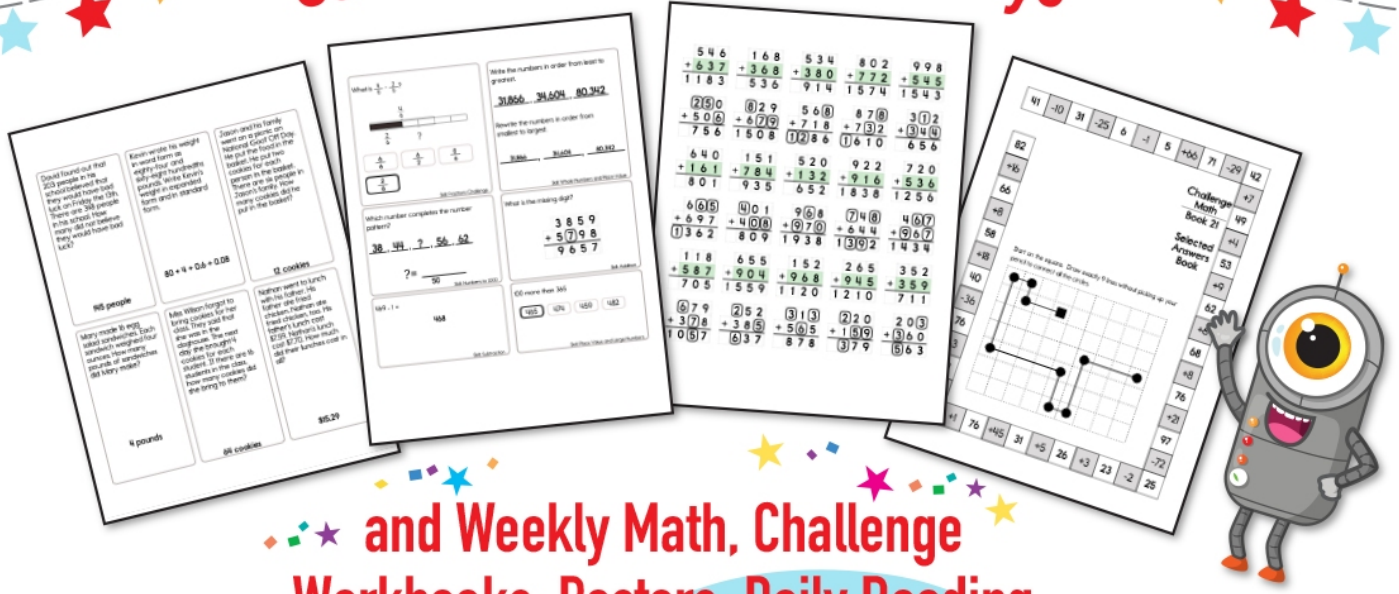

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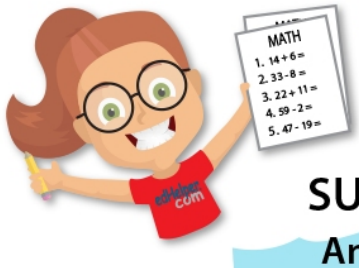

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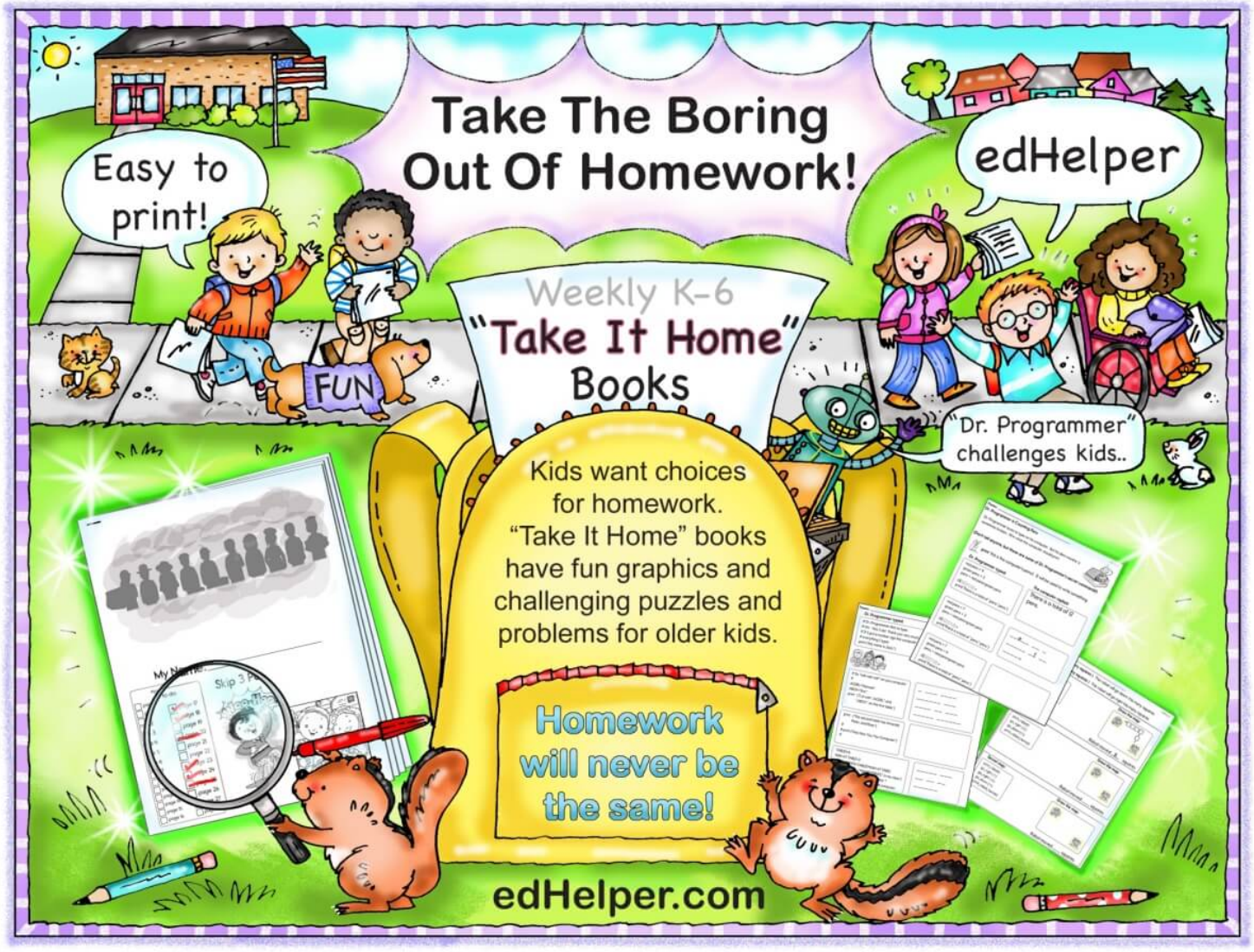
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