MathWorksheets.com
Week of September 30

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

Wendy has 21 nickels. How much money is that?	Round 198 to the nearest ten.	You need to add what to 36 to get 44?
Mary has $45. She wants to buy something that costs $91. How much more does she need?	If you exchange 100 dimes for dollars, then how many dollars would you get?	Write the greatest possible 4-digit number using only 3 different numbers.
11 + 6 - 8	70, 80, 90, 100, _____, 120, 130, 140, 150, 160	6 x (6 + 2) - 3
Yummy Donuts gave three dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?	Pick the family fact that is missing. 144 ÷ 8 = 18 144 ÷ 18 = 8 8 x 18 = 144	Round 10,508 to the nearest thousand.

Name: _____

Spin again. **I needed to spin _____ time(s) to finish.**

This number is one ten more than 5,509.	Which number has exactly 9 hundreds?	How many total legs are on 10 owls?
8, 8, 7, 7, 8, 8, 7, 7, 8, 8, 7, 7, _____, 8, 7, 7, 8	Which of the following is the greatest possible 2-digit number with all different digits?	Anne has 56 cookies. She and her 7 friends shared them equally. How many cookies did Anne keep?
10, _____, 14, 16, 18, 20, 22, 24, 26	Know how many inches in a foot? Okay, smarty pants, how many inches in 9 feet?	72 ÷ 9 + 6
Round 69,313 to the nearest hundred.	The radius of a circle is 231 cm. What is the diameter of this circle?	A rectangle is 30 cm on one side and 9 cm on another side. What is the perimeter?

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

	sum of 7 ↓		sum of 8 ↓	sum of 8 →			
sum of 4 →						sum of 6 ↓	sum of 8 ↓
		sum of 9 ↓		sum of 7 →			
sum of 8 →					sum of 8 →	2	6
sum of 10 ↓				sum of 8 ↓	sum of 10 ↓		sum of 4 ↓
	sum of 9 ↓	sum of 10 →					2
		sum of 8 →					2
sum of 8 →			sum of 8 →		3		

sum of 6 →				sum of 9 →			
sum of 5 →	3	1	1			sum of 6 ↓	sum of 10 ↓
sum of 8 ↓		sum of 7 ↓	sum of 8 ↓	sum of 10 →			
2	sum of 5 →		2				
	sum of 7 →			sum of 8 ↓			sum of 9 ↓
	sum of 6 →	2					
					sum of 4 →		3
	sum of 8 →			sum of 10 →			

Look at the chart.
The number 42 is in the 3rd column of the 1st row.

24	33	42	51	60
69	78	87	96	105
114	123	132	141	150
159	168	177	186	195

What number is in the 3rd column of the 3rd row?

If the pattern continues, what number would go in the 5th column of the 6th row?

$$\begin{array}{r} 17 \\ \times\ 9 \\ \hline \end{array} \qquad \begin{array}{r} 53 \\ \times\ 7 \\ \hline \end{array}$$

What is the homophone of this word?
flower

_____

(7 + 8) + 7 =

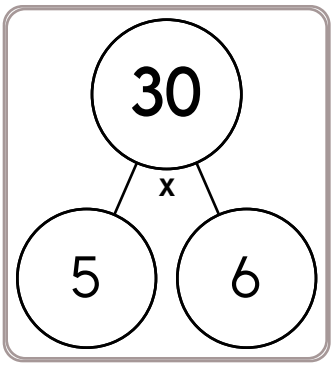
$$\begin{array}{r} 867 \\ -\ 698 \\ \hline \end{array} \qquad \begin{array}{r} 24 \\ +\ 38 \\ \hline \end{array}$$

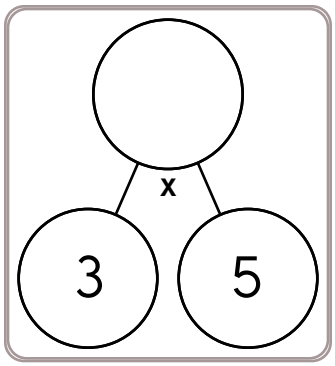
21 cm = _____ mm

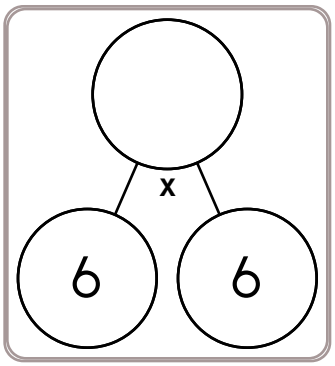
6 x 3 =

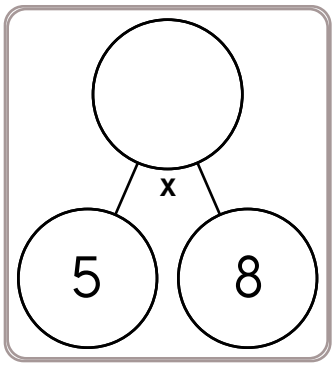
word root **schizo** can mean **divide** **schizophrenia, schism**

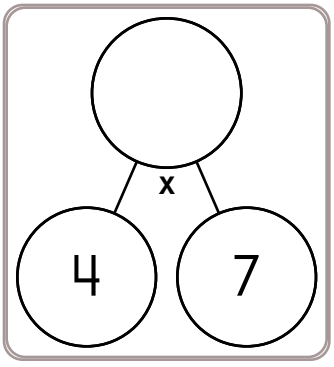
Name: _____

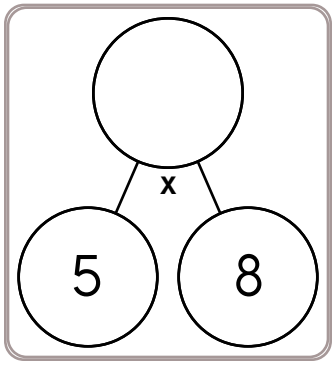


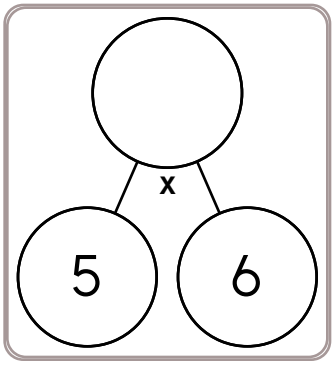


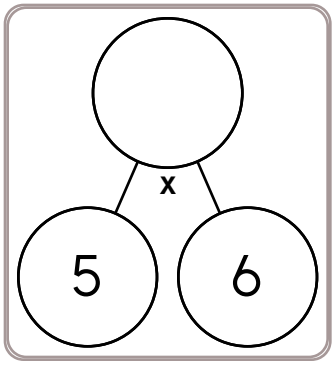












2 x ___ = 16	___ x 9 = 45	9 x ___ = 81
___ x 6 = 24	___ x 9 = 36	___ x 3 = 27
6 x ___ = 24	4 x ___ = 28	___ x 3 = 18
7 x ___ = 42	___ x 3 = 6	3 x ___ = 9

47 x 6 =	28 x 4 =	95 x 5 =
20 x 9 =	59 x 3 =	93 x 4 =
79 x 7 =	57 x 8 =	46 x 9 =
55 x 3 =	72 x 9 =	94 x 9 =

Name: _____

April wrote a fable called "Marcus and the Lemons." In the fable, Marcus bought 253 lemons because they were cheap! Then, after he got home, he didn't know what to do with so many lemons. If the lemons cost $0.10 each, how much did the 253 lemons cost?

Holly is making pretzels for her Junior Garden Club. She is going to make the dough in a bread machine. It will take 1 hour and 25 minutes for the dough to be ready. Then she has to make the dough into pretzels and bake them in the oven for another 26 minutes. If she starts making the pretzels at 2:39 p.m. and it takes her 20 minutes to make all the dough into pretzel shapes. What time will the pretzels be finished baking?

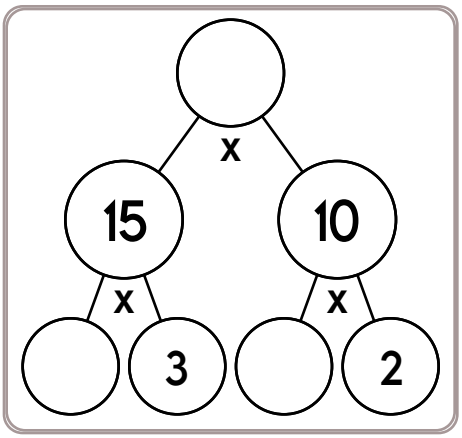
Sally bought a kit to make fidgets. The box says that you can make up to 26 fidgets, so that would be the most she could make. Sally tried to make one. It took her 41 seconds to make. How many fidgets can she make in an hour? Assume she takes a 13-second break after making each fidget.

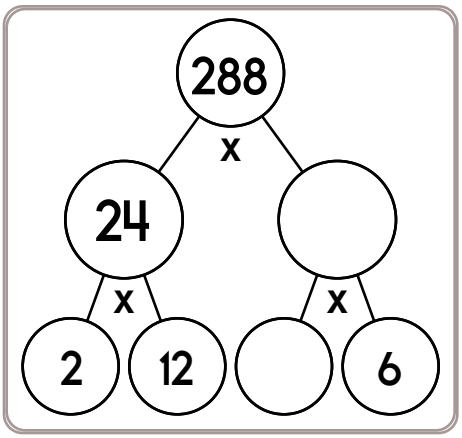
Change $\frac{9}{10}$ to a decimal.

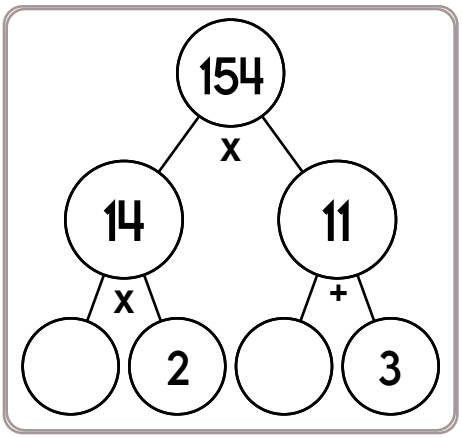
$2\overline{)10.4}$

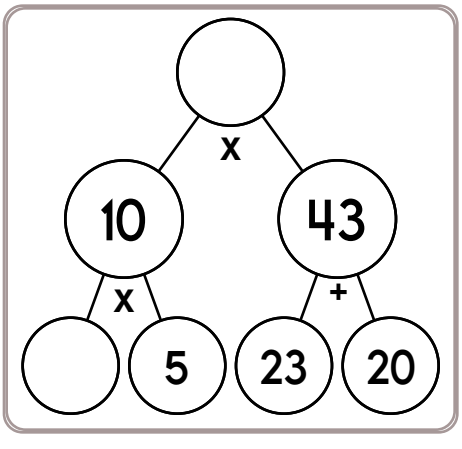
Change $\frac{1}{2}$ to a decimal.

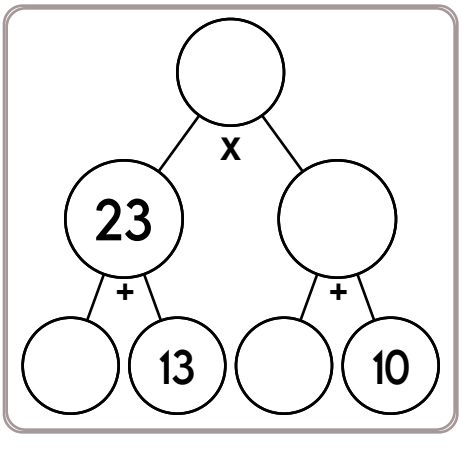
Name: _____

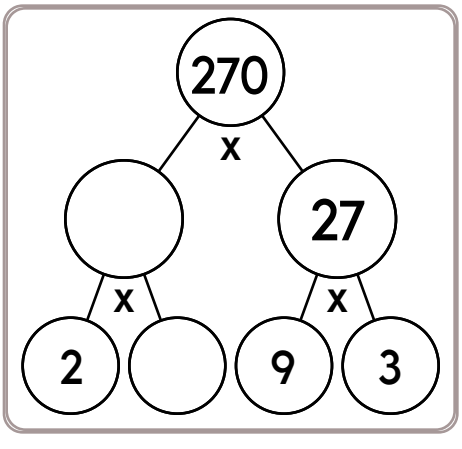












121 divided by 11 equals

29 + n = 40

What is the value of n?

$9 \div \frac{1}{4}$

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{1}{11}$ would go. Is $\frac{1}{11}$ closer to 0, $\frac{1}{2}$, or 1?

12, 11, $12\frac{1}{5}$, $11\frac{1}{5}$, $12\frac{2}{5}$, $11\frac{2}{5}$, $12\frac{3}{5}$, _____, $12\frac{4}{5}$, $11\frac{4}{5}$, 13, 12, $13\frac{1}{5}$

$2\frac{2}{4} + 3\frac{3}{4}$

Name: _____

The number 378 expressed as a product of its prime factors is 2 x 3 x 3 x 3 x 7. Using this, try to quickly figure out how to express the number 1,512 as a product of its prime factors.

Write the greatest common factor for each pair of numbers.

63 and 42

26 and 52

24 and 54

Find the square of each number.

3

6

13

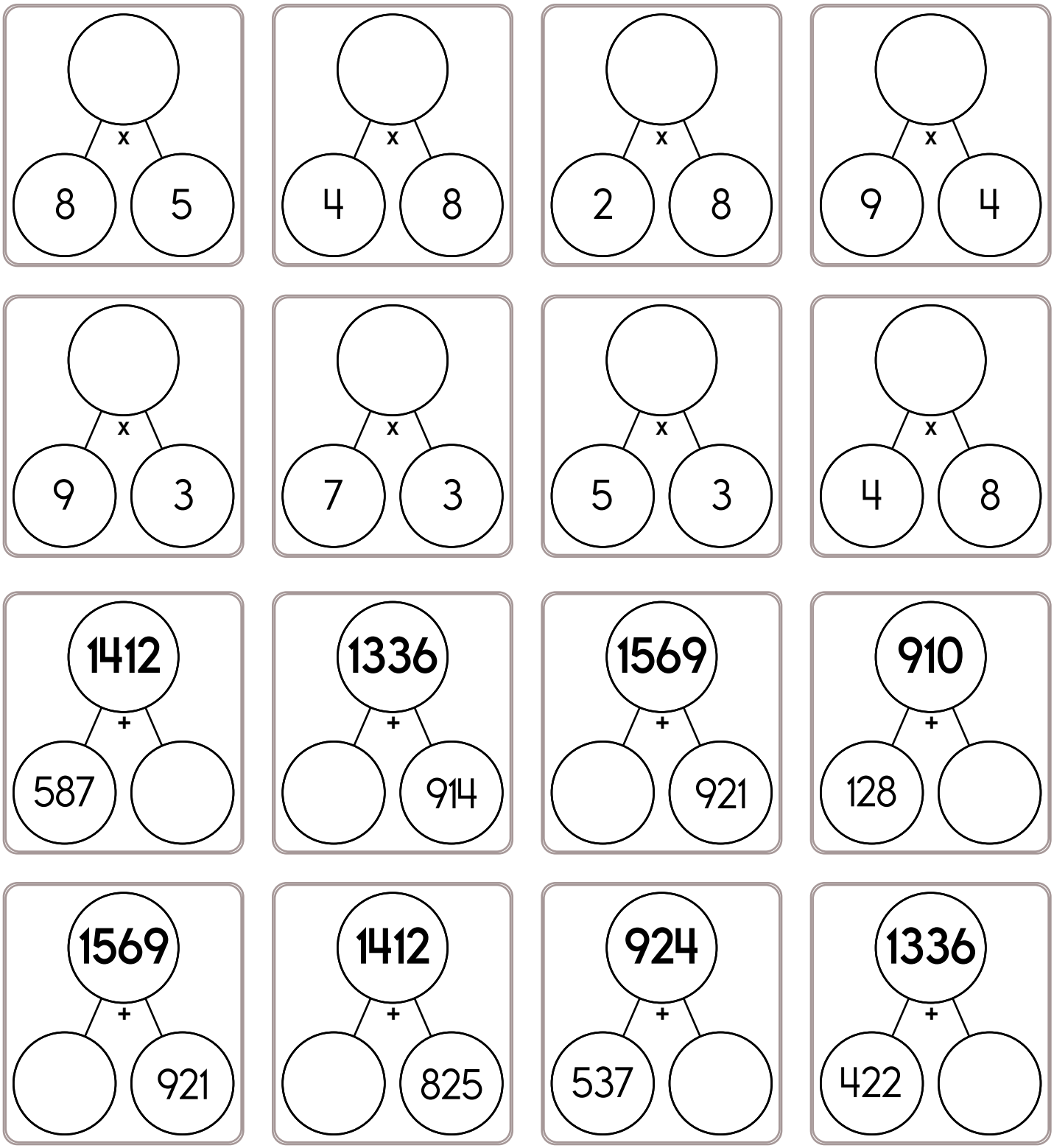
Find the cube of each number.

4

11

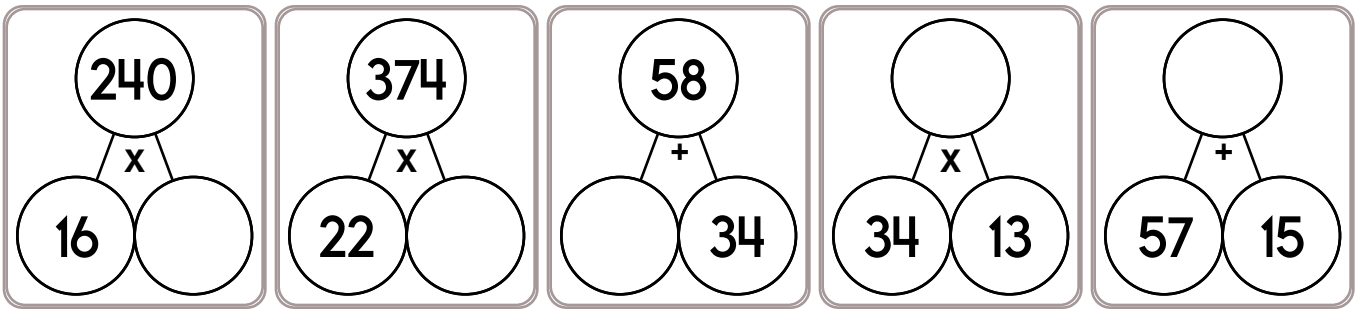
If you are given that $28^2 = 784$, then show how you would find the square of 280.

Name: _____



860	926	570	543	570
- 415	- 897	- 556	- 109	- 217

Name: _____



Write as a percent.

$\frac{1}{4}$

4 is what % of 12?

$\frac{1}{?} = \frac{6}{36}$

How many centimeters in 480.8 meters?

A, F, _____, P, U, Z

What is 50% of 1,536?

$\frac{1}{4}$, $\frac{1}{2}$, (1) , (2) , (4) , _____, (16) , (32) , (64)

The perimeter of a rectangle is 20 cm. The longer side is 7 cm. How long is the shorter side?

108 divided by 9 equals

8 - 8 + 11 + 12

8 + 3 - 5

How much money is 1 quarter, 1 dime, 1 nickel, and 3 pennies?

Name: _____

To celebrate the Shortest Month of the Year, Sweet Sue's Sweets sells strawberry shortcakes. Each shortcake costs $1.62, but if you are shorter than 4 feet, your shortcake is free. Sue sold 194 shortcakes this week and was paid $294.84. How many servings were given to people less than 4 feet tall?

The 4th, 5th, and 6th grade classes are going on a field trip to the Children's Museum. They will see a program about stress and have lunch in the museum café. Of the students, $\frac{1}{2}$ will have hot dogs, $\frac{1}{3}$ will have hamburgers, $\frac{1}{8}$ will have soup, and the rest will have nachos. If 88 students go on the trip, how many will have nachos?

The Midtown Thrift Shop had total sales of $423.27. Of that amount, $259.38 was for clothing. How much of the total sales was not for clothing?

A rectangular sign advertising the Life Evaluation Conference was put up near the conference hotel. It had a length of 25 feet and a perimeter of 105 feet. What was the sign's width?

Last Tuesday a woman was rescued when her house was swept away by the river. She said she had been standing on her roof since 7:32 a.m. The rescuers took her off the roof at 1:22 p.m. How long had she been on the roof?

word root **duct** can mean **lead** **abduct, induct, induction**

Name: _____

Which of the following numerals has a 3 in the thousands place?

A) 3241
B) 1423
C) 4213
D) 1342

Estimate the time from 9:13 P.M. to 3:46 A.M.

A) 5 hours
B) 7 hours
C) 3 hours
D) 9 hours

What number is missing from the following sequence?

96, 88, 80, 72, ____, 56, 48

A) 58
B) 64
C) 63
D) pennies

(72 ÷ 8) + 80 = _____?

A) 105
B) 62
C) 89
D) pennies

thirty-nine hundredths =

A) 0.039
B) 0.39
C) 0.00390
D) 3900

How many quarts in 28 pints?

A) 17 quarts
B) 25 quarts
C) 14 quarts
D) 4 quarts

Name: _____

Danski Brothers Farms planted 470 rows of tulips. Each row was 21 meters long. What is the total length of the rows? Write your answer in kilometers.

Ms. Young made some strawberry pies for the bake sale. She cut each pie into 8 pieces. There were 144 pieces of pie in all. How many pies did she make?

Kevin has a red, green, and blue quilt on his bed. One-fifth of the quilt is red and $\frac{1}{3}$ of the quilt is green. What fraction of the quilt is not blue?

Jessica invented a robot. The robot's name is Lucas. Lucas can go a maximum speed of 5 mph. At that rate, how long would it take Lucas to go 18 miles?

Amanda is getting messy. She has made a 1' x 3' x 1' cube made out of clay blocks. She wants her art project to have at least a surface area of 23 square feet. Does she need to add more clay?

$$\begin{array}{r} 356 \\ +\ 278 \\ \hline \end{array}$$

In the number 40,474,935, the digit 3 is in what place?

_____

$$\begin{array}{r} 88 \\ -\ 56 \\ \hline \end{array}$$

Underline the cause in the sentence.

They called the ambulance; Grandpa fell down the stairs.

How many grams are in 8 kilograms?

_____ grams

Name: _____

Draw a shape that has between four and seven lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

1 kg = 1,000 g

28 kg = _____ g

If you multiply 561 x 264, you will have a number that is how much bigger than 187 x 264?

It will be three times as big.
It will be twice as big.
It will be eight times as big.
It will be seven times as big.
It will be four times as big.

Form the past, present, and future progressive form of the verb.

entertain

_____

_____

_____

6 x 4 =

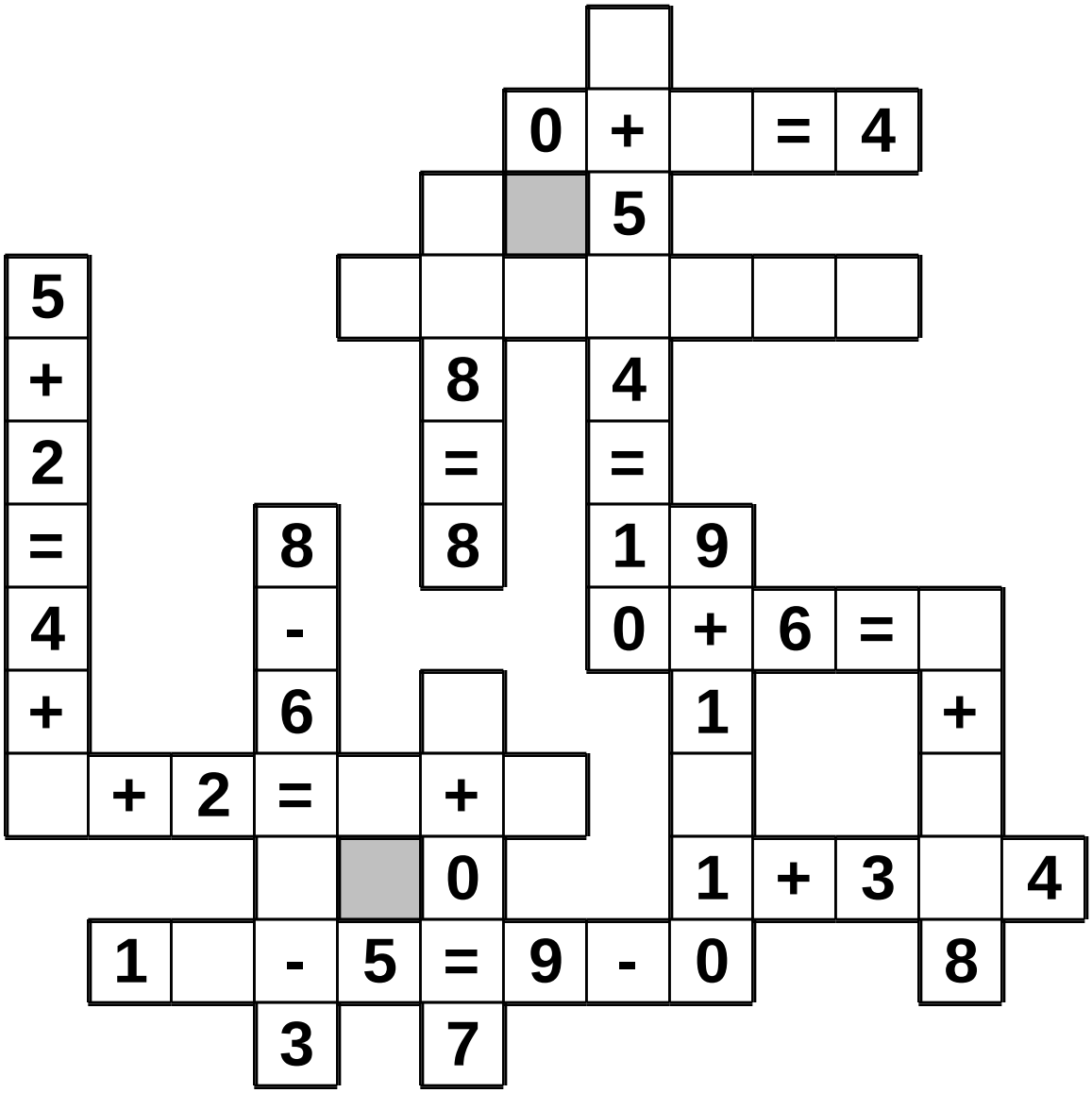
Hannah wrote that 57 divided by 8 has a remainder of 1. For her homework, she needs to find three other numbers that when divided by 8 will have a remainder of 1. Help her with her homework.

word root **tact** can mean **touch** **tactile, tactful**

Name: _____

1 • 4 • 0 • 0 • + • 4 • + • 3 • = • 7 • 6 • 7 • 3 • 5 • 0 • =
2 • 5 • = • 4

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



For 3,839,640,611,064,242, write the digit that is in the ten thousands place.

_____

Anna wants to call Maria. Maria is on vacation in Asia. It is a time difference of ten hours. Maria's time is always later than Anna's time. If it is 10:17 A.M. where Anna lives, then what time is it where Maria is?

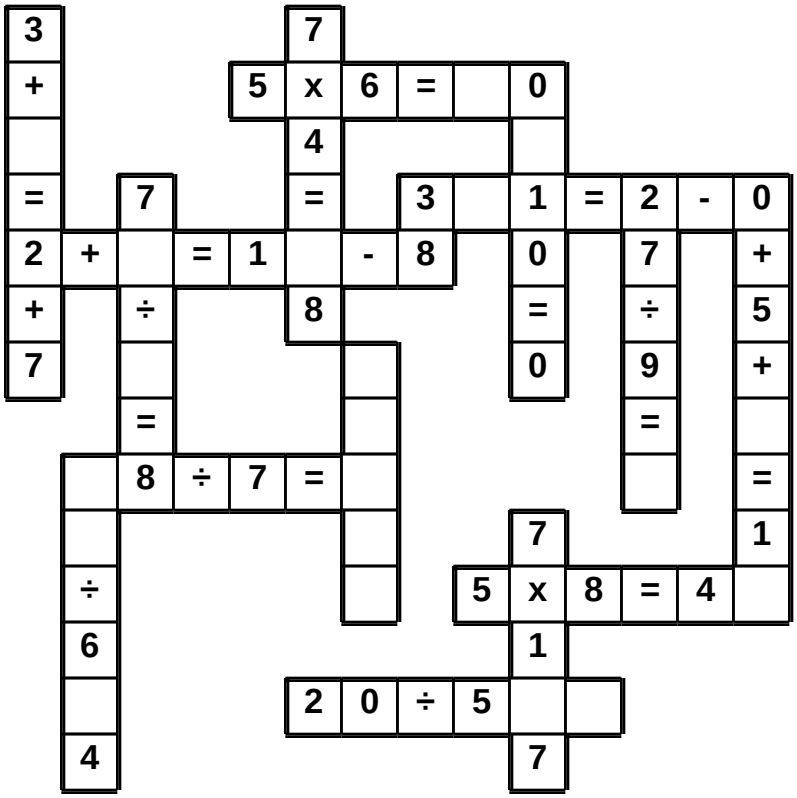
_____

30 ÷ 5 =

Name: _____

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

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



What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word								Sum
	1	2	4	6	8	14	20	
A	R	O	U	N	D			21
	1			2	4	6	12	
	C	E						
		1	2	4	6	12	18	
S	E							

Make a Word								Sum
		1	2	4	6	10	14	
F	A							
		1	2	6	10			
G	A							
				1	4			
B	R	A						

word root **parl** can mean **speak** **parley, parlor**

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

sum of 7 →			sum of 9 ↓		sum of 4 →		
	sum of 5 ↓	sum of 8 ↓	3	sum of 8 ↓	sum of 9 ↓		sum of 8 ↓
				3	4	sum of 7 ↓	
sum of 4 ↓				5			
				sum of 8 →		2	
2	sum of 7 →			4			
	sum of 4 →			sum of 8 →			

sum of 4 ↓	sum of 7 →						sum of 4 ↓
	sum of 2 →			sum of 5 →	1		1
		sum of 9 →					3
2	sum of 7 ↓	sum of 9 ↓	sum of 5 →		2		
sum of 10 →						sum of 7 ↓	
sum of 5 →		3	sum of 9 →				
sum of 5 →					sum of 7 →		
		sum of 7 →					

Can 505 be evenly divided by 5? Circle:

505 is evenly divisible by 5

505 is NOT evenly divisible by 5

Solve.

3 + 7 x 4 + 4

4 + 56 ÷ 8 + 6

Write the missing family fact.

94 - 40 = 54
94 - 54 = 40
40 + 54 = 94

_____

Wendy multiplied two one-digit numbers and then added 193. The result was 229. Emma does not believe her and thinks Wendy made a mistake. Who is correct?

Add the correct end punctuation for this sentence.

Please bring that stack of books to me

Name: _____

A printer can print 27 pages in 3 minutes. How many pages can the printer print in one minute?

How many pages can the printer print in one hour?

A book scanner can scan 60 words in 4 minutes. How many words does the book scanner scan per minute?

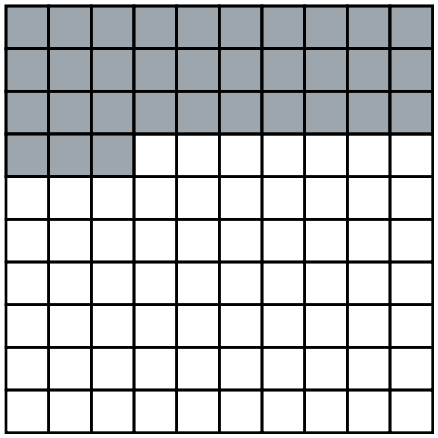
Erin babysat Sarah and was paid $65 for 5 hours of work. How much was she paid per hour?

She plans to babysit Sarah next week and will be paid at the same rate. If she works 9 hours next week, how much will she be paid?

It takes Wendy 28 seconds to fill a water bottle. How long would it take her to fill 4 water bottles?

Pam decided to help Wendy fill 4 water bottles. How long do you think it will take for them to work together to fill 4 bottles?

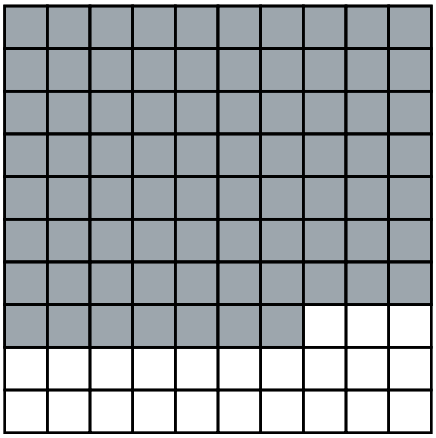
Name: _____



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.

$\frac{36}{100}$ = _____ %

$\frac{18}{100}$ = _____ %

$\frac{7}{100}$ = _____ %

29 out of 100 = _____ %

33 out of 100 = _____ %

0.38 = _____ %

0.13 = _____ %

0.06 = _____ %

0.9 = _____ %

0.08 = _____ %

0.42 = _____ %

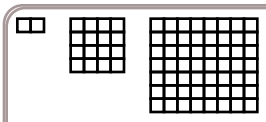
0.6 = _____ %

0.5 = _____ %

0.71 = _____ %

0.2 = _____ %

Name: _____



How many boxes across and how many boxes down do you think the next shape in the pattern would be. Explain why.

Mary is drawing a game board. She drew boxes starting from 5 all the way through 400. The boxes all started out being white. She colored the boxes 8, 12, 16, 20, and 24 purple, and continued this pattern until she was done.

What are the next 5 boxes that she will color purple?

When she is done coloring, what color will the box number 397 be?

12	15	18	21	24	27	30	33
36	39	42	45	48	51	54	57
60	63	66	69	72	75	78	81

A pattern is represented in the boxes. The number 48 is in row 2, column 5.
a. What number is in row 3, column 3?

b. If the pattern continues, what number would be in row 4, column 7?

c. If the pattern continues, what number would be in row 8, column 2?

Holly and April are playing a new giveaway game. The game is in the shape of a circle. A light goes around the circle. When a player presses the button, the light stops. Players can win 1 ticket, 2 tickets, 3 tickets, or 4 tickets, depending on where the light stops. Holly played one round, and then April played a round. What is the probability that they both won exactly 2 tickets?

Name: _____

Alex cannot decide which of the following two clubs to join, so he wants to pick the club with the most boys. Which club should he join?

The Earth Club has a total of 37 members. There are 5 more boys than girls.

The Gamer's Club has a total of 41 members. There are 5 more boys than girls.

Which amount of time is shorter?

530 minutes or 8 hours?

430 minutes or 7 hours?

6 minutes or 330 seconds?

1 hour = _____ minutes

1 minute = _____ seconds

In a game that Rose plays, it costs $1.50 to purchase three gold stones. If she buys two gold stones and one purple diamond, the cost is $1.85.
How much is one gold stone?
How much is one purple diamond?

One gold stone costs _____.

One purple diamond costs _____.

Amy and Eric like to ride their electric scooters on the weekend.

Amy rode a total of 310 miles this weekend, and her average speed was 31 miles per hour.

Eric rode a total of 144 miles this weekend, and his average speed was 24 miles per hour.

Which rider rode for the longest amount of time?

Name: _____

60.03	5.8	0.08	2.03	3.8
x 9	x 7	x 6	x 4	x 5

8.42	5.68	2.56	4.57
x 6	x 7	x 3	x 8

9.31	4.31	8.55	6.51
x 4	x 3	x 6	x 2

Can 858 be evenly divided by 4? Circle:
858 is NOT evenly divisible by 4
858 is evenly divisible by 4

Circle the addition property for 75 + 152 = 152 + 75.

associative property

commutative property

Name: _____

0.69 - 0.21	0.98 - 0.68	0.75 - 0.73	0.62 - 0.45	0.34 - 0.31	0.89 - 0.73
23.39 - 22.23	14.79 - 14.18	15 - 12.39	13.95 - 10.43	16 - 13.88	34.17 - 25.32
28.15 - 23.61	2.37 - 2.04	33.09 - 29.35	22.62 - 17.84	11.99 - 4.91	14.81 - 11.39

Is 43 a composite or a prime number?

What number is halfway between 55 and 59?

Megan bought six candy bars. It cost $3.24. How much did each candy bar cost?

Draw a small clock that shows 15 minutes to 7:00.

Write the first 5 multiples of 6.

Write the least possible 4-digit number using only 3 different numbers.

Name: _____

Find 2 equations hidden in each box. Good luck!

286
731
1061
42 + 539
508 + 41
252
273
848
303
847
644 + 87
783
474
271 + 28
70 + 233
547
188 + 70
844 + 90

Write 2 equations: _____ _____

7 - 2
6 - 5
2
7 - 1
1
3 - 1
8
0

Write 2 equations: _____ _____

2 x 5
8 x 1
3 x 3
1 x 2
9 x 3
5 x 7
7 x 9
48
63
14
18
32
25
2
21
8 x 5
72

Write 2 equations: _____ _____

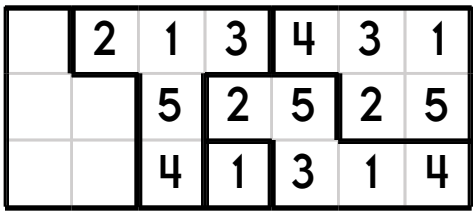
Name: _____

Fill in the missing numbers.

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

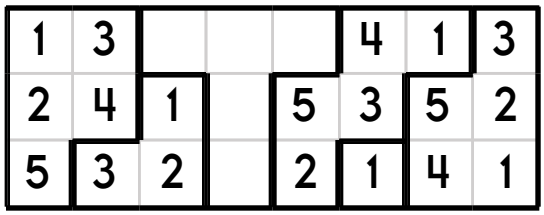
Dark lines surround a block. Numbers to use in a block:

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.



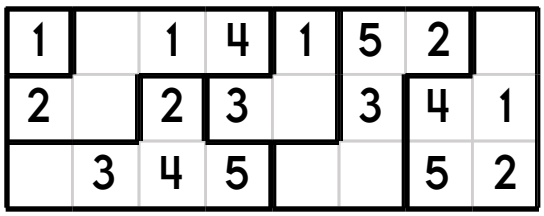
An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 2 4 3 1



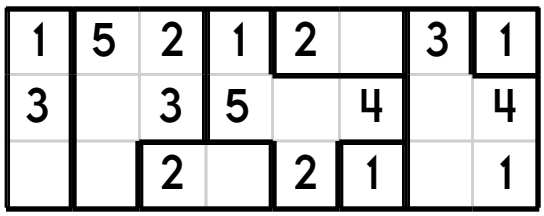
An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

2 5 1 3 4



Hint - These numbers are missing:

1 5 1 3 3 2 4



Hint - These numbers are missing:

2 1 4 1 2 1 3 5

How many minutes is it from 9:00 a.m. to 10:40 a.m.?

Know how many inches in a foot? Okay, smarty pants, how many inches in 6 feet?

How much time is it from 8:00 a.m. to 10:55 a.m.?

Name: _____

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

	5	6	3		
					4
	3		5	2	
3	4				
2					

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

2					
	1	3			
		1		6	
			4		3
	4		1		
		2			6

Name: _____

Canada, United States, and Italy competed in a two-run bobsled competition.
The times on the first run were one minute and 52.56 seconds, one minute and 53.30 seconds, and one minute and 52.71 seconds.
The times on the second run were one minute and 52.16 seconds, one minute and 51.24 seconds, and one minute and 51.62 seconds.

Figure out the time needed for each run and the combined run time for each team.

1. On the first run, the team from Italy was fifteen hundredths of a second behind the winners of the first run.
2. On the second run, the team from Canada was ninety-four hundredths of a second faster than their first run.
3. The team that finished the first run in one minute and 53.30 seconds was not the team that finished the second run in either one minute and 51.24 seconds or one minute and 51.62 seconds.

Canada finished the first run in _____ and the second in _____.

United States finished the first run in _____ and the second in _____.

Italy finished the first run in _____ and the second in _____.

Holly was given five numbers: 7, 12, 9, 13, and 8. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?

Write an equation to represent this:

The product of seven and four is twenty-eight.

_____

Circle the pronoun(s) in the sentence.

He asked them if he could ride along with Nick and Todd.

word root **scrib** can mean **write** **scribble, scribe**

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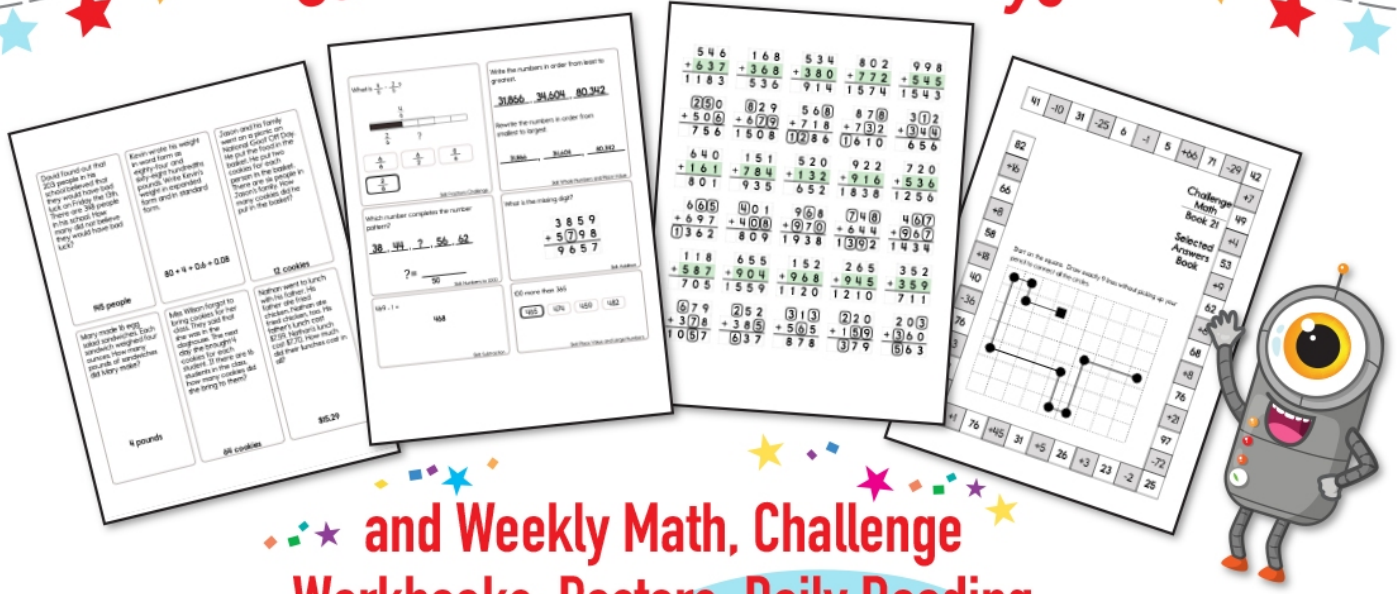

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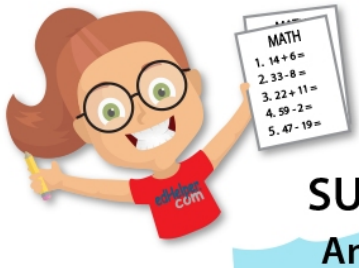

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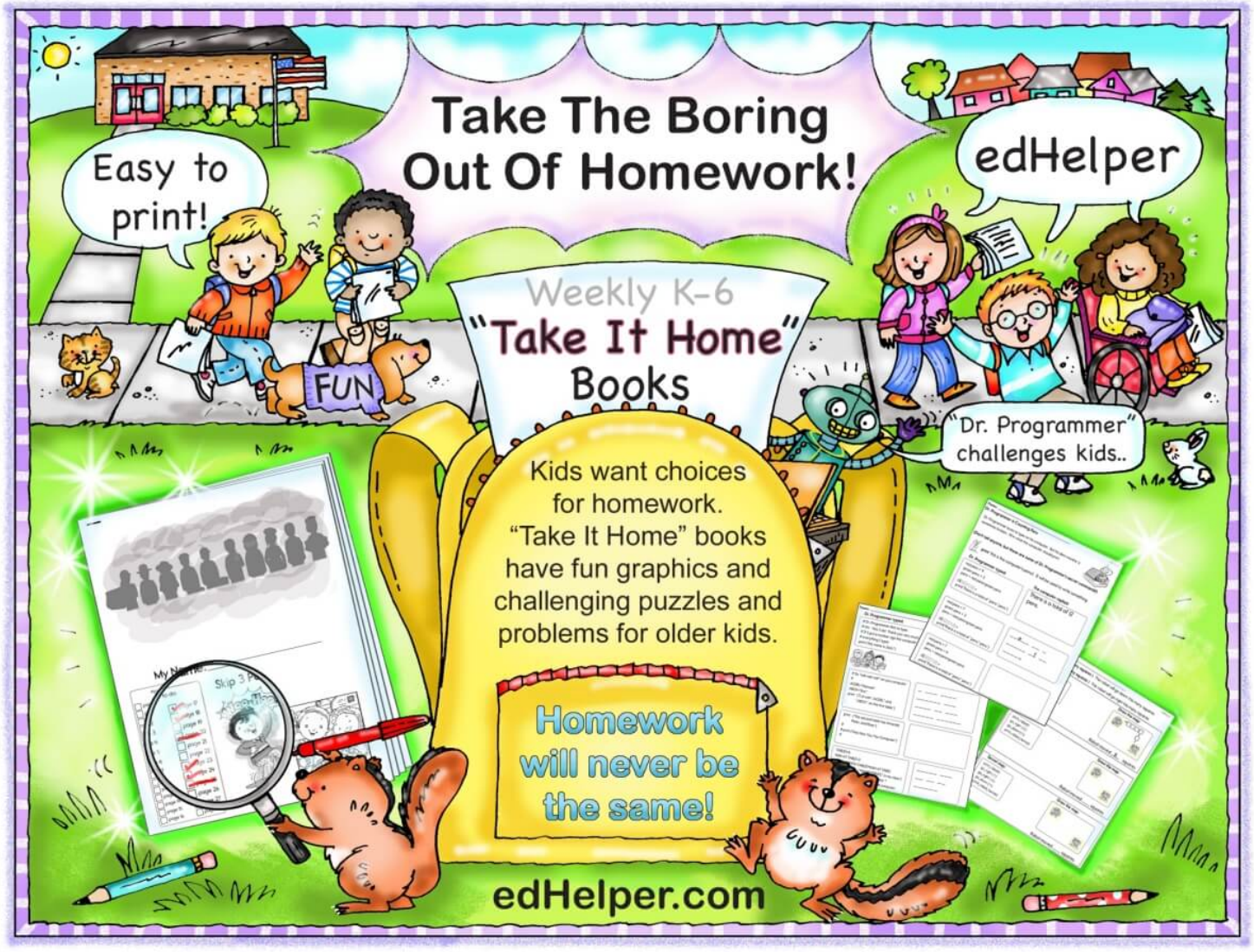
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