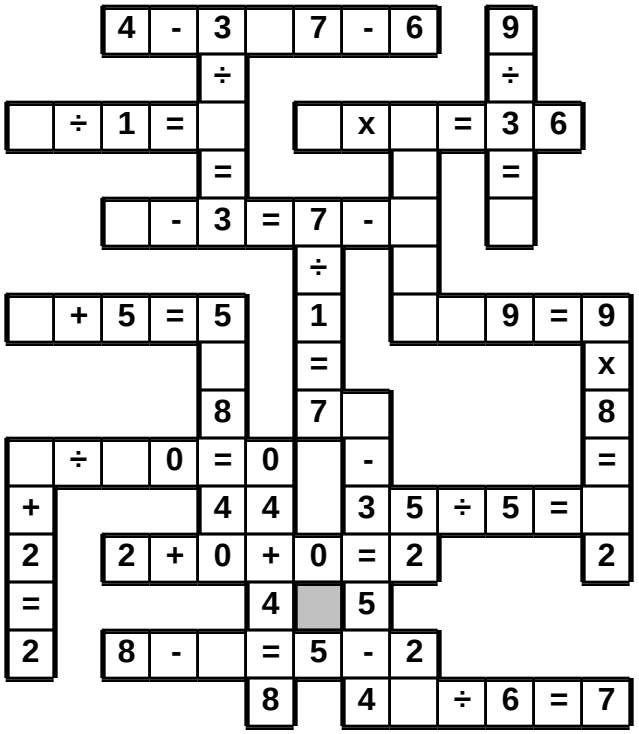
Name: _____

= • 1 • 1 • 9 • 4 • ÷ • 6 • 4 • 3 • = • 0 • 1 • x • x • 4 • 0 • 1
7 • 5 • 2

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



29 - t + 10 = 25
What is the value of t?

Rewrite in scientific notation.

38,060,000,000

9 x (52 ÷ 4) - 49 ÷ 7 =

If m = 11 and f = -6 then

what is $m^2 - f^2$?

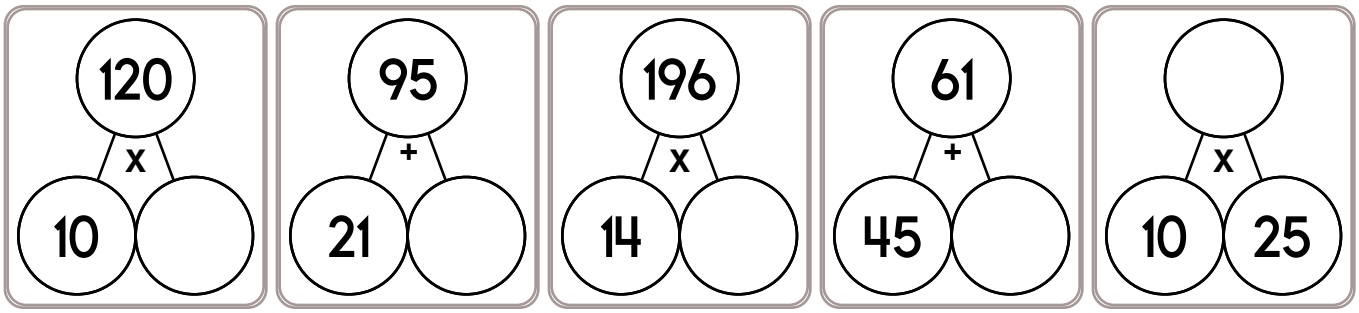
(0.6)(0.13)

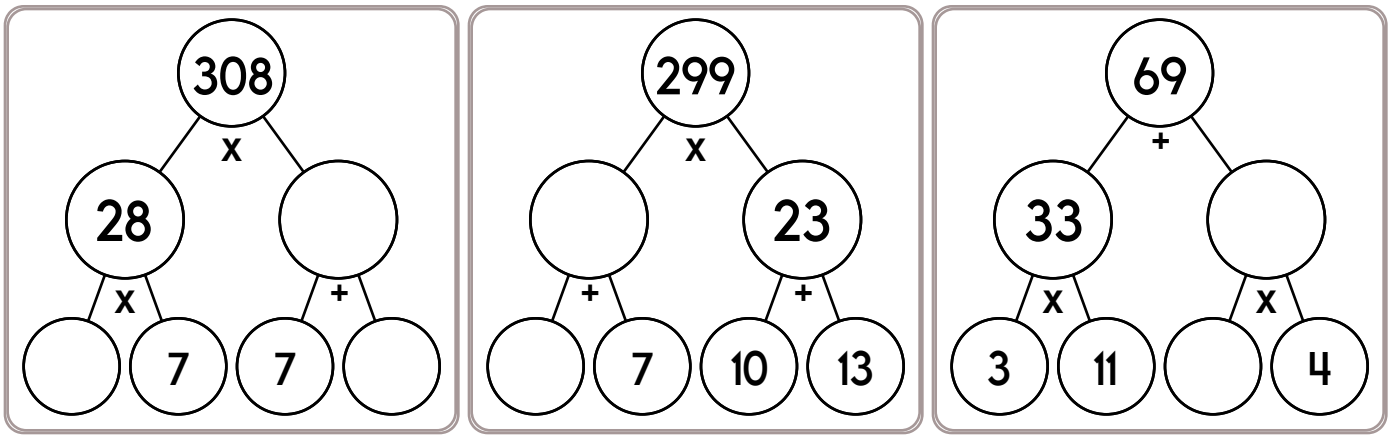
y = x + 14
y = 21
What is the value of x?

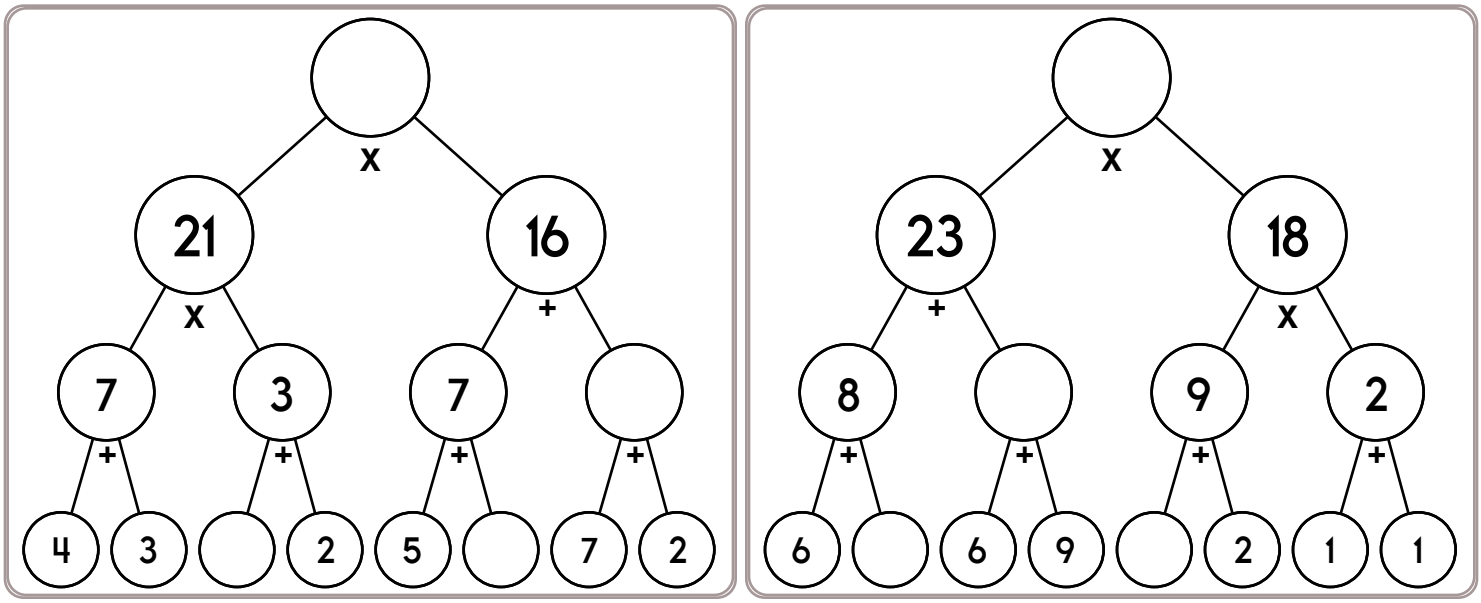
Name: _____

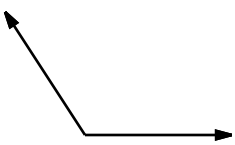
Mr. King pays 9 men $9.35 per hour to help him harvest his corn crop. Last week the men worked 36.1 hours each. How much did Mr. King pay the 9 men?	Mr. Clark is building a stage for the public speaking contest. The stage is $18\frac{3}{4}$ feet wide and $15\frac{3}{4}$ feet long. What is the area of the stage?	Anna picked $3\frac{1}{2}$ cups of blueberries to make a pie for Father's Day. She only used $\frac{1}{2}$ of the berries. How many cups of berries did she use?
Mrs. Rodriguez is making fruitcakes at the bakery. Her recipe calls for $\frac{1}{3}$ of a cup of molasses and makes 5 fruitcakes. How much molasses will she need to make 30 fruitcakes?	There are only 12 letters in the Hawaiian alphabet. What fraction of the English alphabet is that? Write your answer in simplest form.	Our neighbor, Mrs. Smith, said her family originally immigrated to Canada in 1855. How many years ago did her family immigrate to Canada?

Name: _____

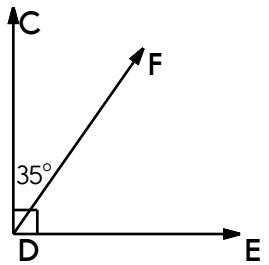








What kind of angle is this?



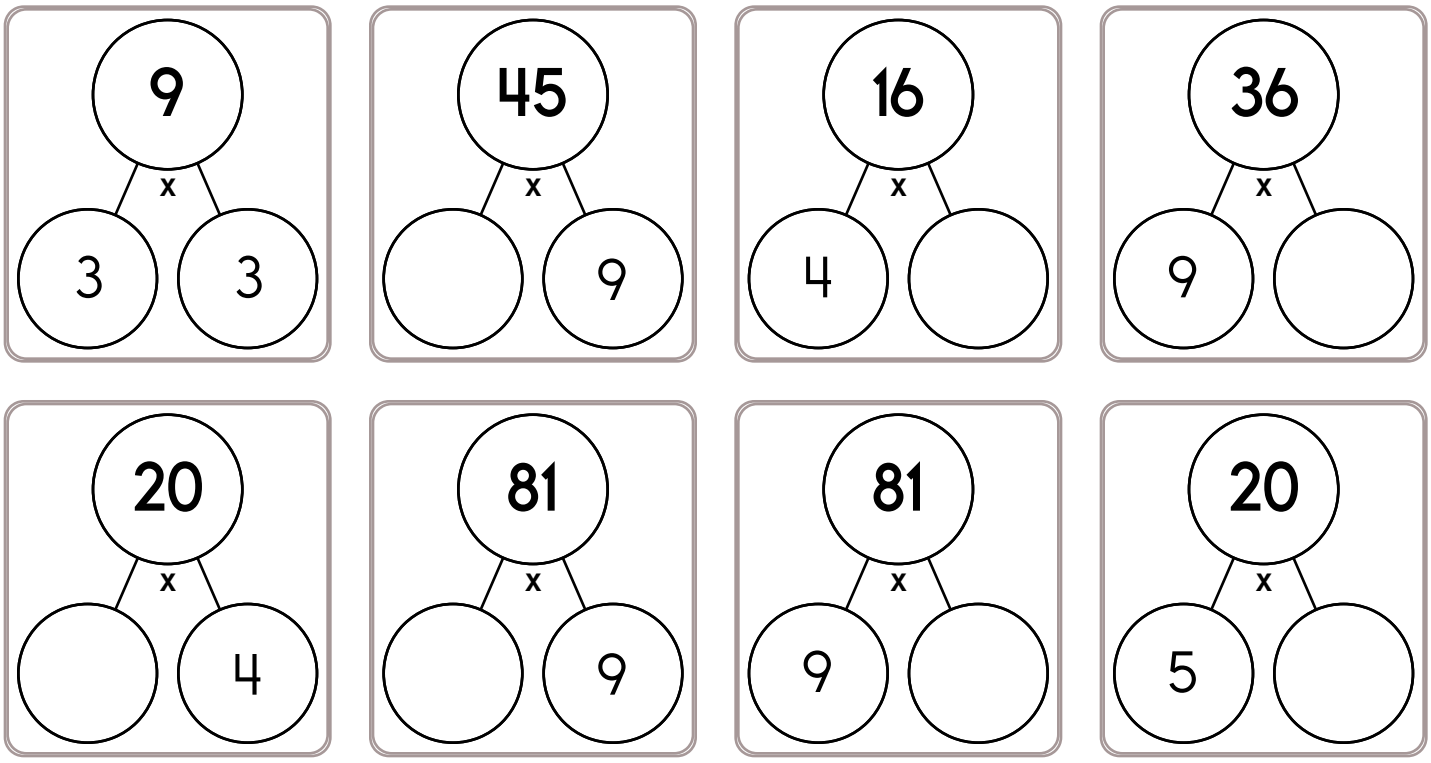
What is the measure of ∠FDE?

Name: _____

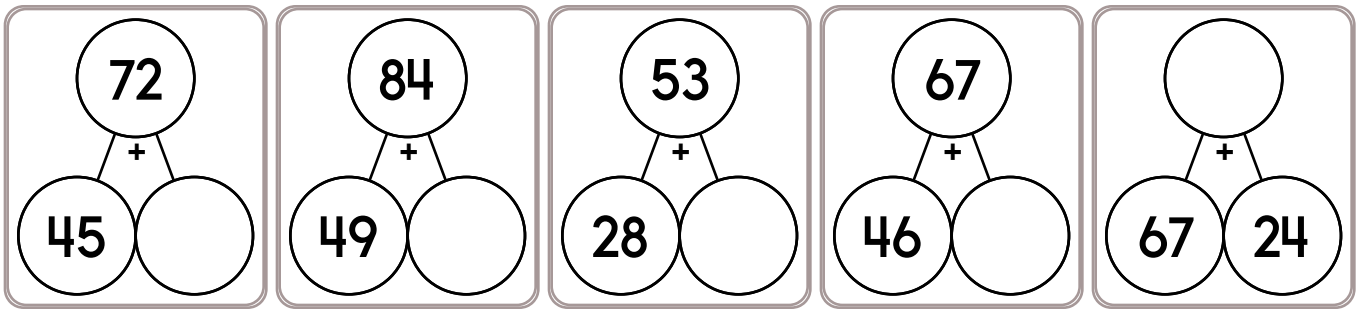
$2\overline{)4}$ $5\overline{)45}$ $2\overline{)8}$ $7\overline{)21}$

$9\overline{)18}$ $8\overline{)72}$ $9\overline{)72}$ $9\overline{)54}$

650 − 97	883 − 11	995 − 65	449 − 57	162 − 35
969 − 64	530 − 76	542 − 87	128 − 25	995 − 36



Name: _____



Change to percents.

$\frac{46}{100}$ =

$\frac{60}{100}$ =

$\frac{33}{100}$ =

$\frac{5}{10}$ =

$\frac{27}{100}$ =

$\frac{50}{100}$ =

$$2\frac{1}{9}$$
$$1\frac{4}{9}$$
$$+\ 7\frac{3}{9}$$

Change $\frac{845}{95}$ to a mixed number.

23 + 34 + 89 =

Change $\frac{36}{80}$ to a decimal.

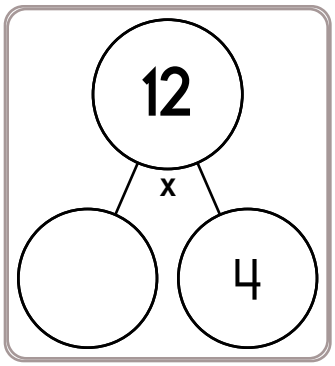
Rewrite as a vertical equation and solve.
349.979 + 349.979 + 636.3

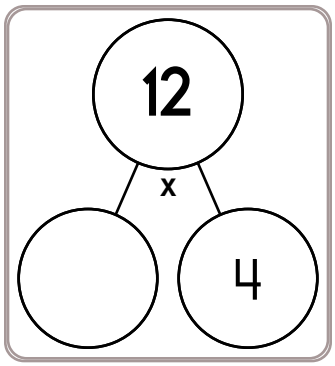
Reduce $\frac{54}{135}$ to its lowest terms.

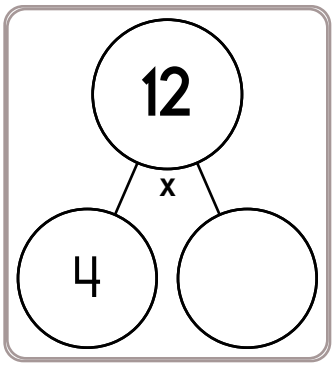
$$\begin{array}{r} 3{,}6\,1\,3{,}7\,5\,5 \\ -\ 2{,}5\,6\,0{,}6\,2\,3 \\ \hline \end{array}$$

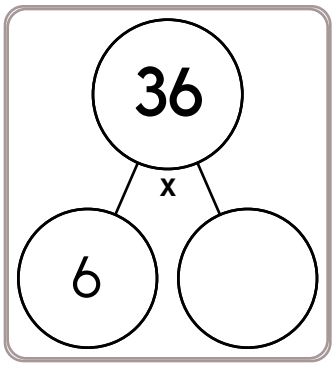
Find 25% of 76.

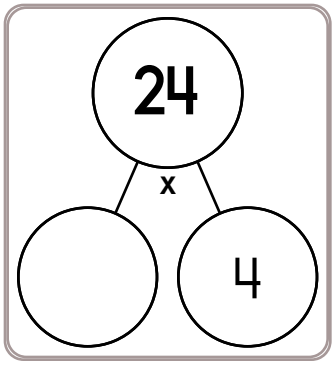
Name: _____

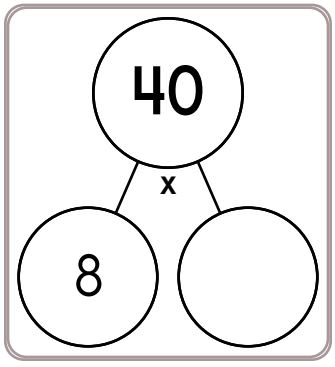


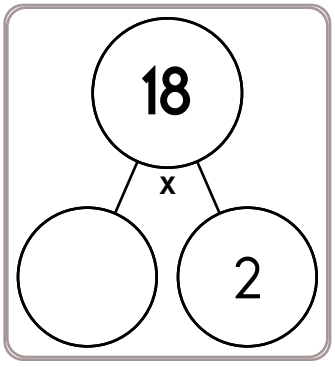


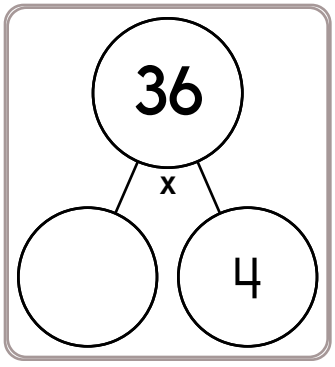








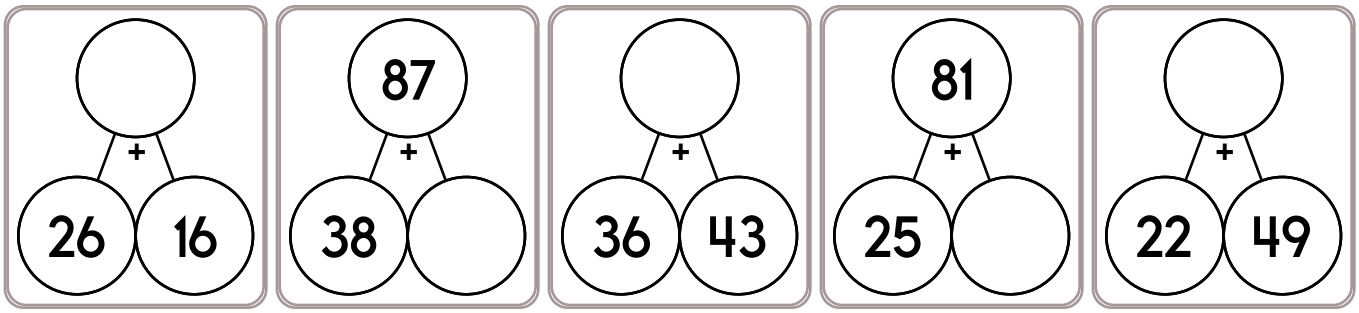




48 ÷ 6 =	6 ÷ 2 =	99 ÷ 11 =
99 ÷ 9 =	36 ÷ 12 =	60 ÷ 12 =
20 ÷ 4 =	8 ÷ 4 =	72 ÷ 9 =
48 ÷ 12 =	10 ÷ 5 =	80 ÷ 8 =

15 ÷ ___ = 3	24 ÷ ___ = 8	___ ÷ 2 = 6
___ ÷ 4 = 3	10 ÷ ___ = 2	___ ÷ 4 = 6
___ ÷ 6 = 7	16 ÷ ___ = 8	___ ÷ 7 = 3
___ ÷ 3 = 3	48 ÷ ___ = 6	25 ÷ ___ = 5

Name: _____



$$\begin{array}{r} 3.8 \\ +5.15 \\ \hline \end{array}$$

Subtract 5,590 from 6,794.

Write the decimal number for:

two hundredths

165 is what percent of 220?

$$\begin{array}{r} 143 \\ 964 \\ +\ 294 \\ \hline \end{array}$$

Change 9% to a decimal.

Reduce $\frac{12}{32}$ to its lowest terms.

$$\frac{7}{11} - \frac{1}{11}$$

Write the decimal in words.

17.42

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

	96	41	42
-	68	46	11
	36	30	48
	80	81	67

Find a subtraction fact.

B

	99	62	74
-	19	71	53
	61	30	20
	78	68	37

Find a subtraction fact.

C

	74	83	82
-	52	31	92
	33	71	48
	63	95	70

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	41	-	30	=	11
B	99	-		=	
C	83	-		=	

15, 30, 45, 60, 75, 90, 105,

_____, 135

11 ÷ 1 + 10

It was 6 degrees above zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?

A rectangle is 57 cm on one side and 13 cm on another side. What is the perimeter?

How many centimeters in 490.6 meters?

What is 50% of 1,768?

Name: _____

My mother's recipe for fruitcake calls for $\frac{1}{3}$ cup of chopped walnuts. She is making 5 fruitcakes. How many cups of walnuts will she need?

The Midtown Thrift Shop had total sales of $421.21. Of that amount, $257.19 was for clothing. How much of the total sales was not for clothing?

The Dressed Up Pet Parade began at 3:40 p.m. The parade was over forty-six minutes later. What time did the parade end?

Mary rolls a die. What is the chance of her rolling a 6?

_____

11 x 5 = _____

20% of 100 is 20.
20% of 200 is 40.
20% of 500 is 100.

What is 20% of 900?

25 ÷ 5 = _____

$$\begin{array}{r} 454 \\ +\ 288 \\ \hline \end{array}$$

Write an equation to represent this:

The difference between nineteen and five is fourteen.

_____

17 km = _____ m

$$\begin{array}{r} 33 \\ +\ 29 \\ \hline \end{array}$$

How many grams are in 8 kilograms?

_____ grams

Circle the greatest number:

7,216,953,840 2,971

684,503 341,789,056,243

Name: _____

Sudoku Sums of 14

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 14.

Here is an example of a sudoku sum of 14:

2	12

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

$$\begin{array}{r} 746 \\ -\ 217 \\ \hline \end{array}$$

What number is halfway between 32 and 49?

197 - 178 = _____

$$\begin{array}{r} 97 \\ -\ 17 \\ \hline \end{array}$$

Name: _____

8 x 9 = _____

Write 39,948 in words.

_____

What number is halfway between 9 and 21?

3 x 5 =

1 lb = 16 oz

25 lb = _____ oz

56 ÷ 7 = _____

88 ÷ 11 =

9 x 2 = _____

The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

7,579 - 1,614 = _____

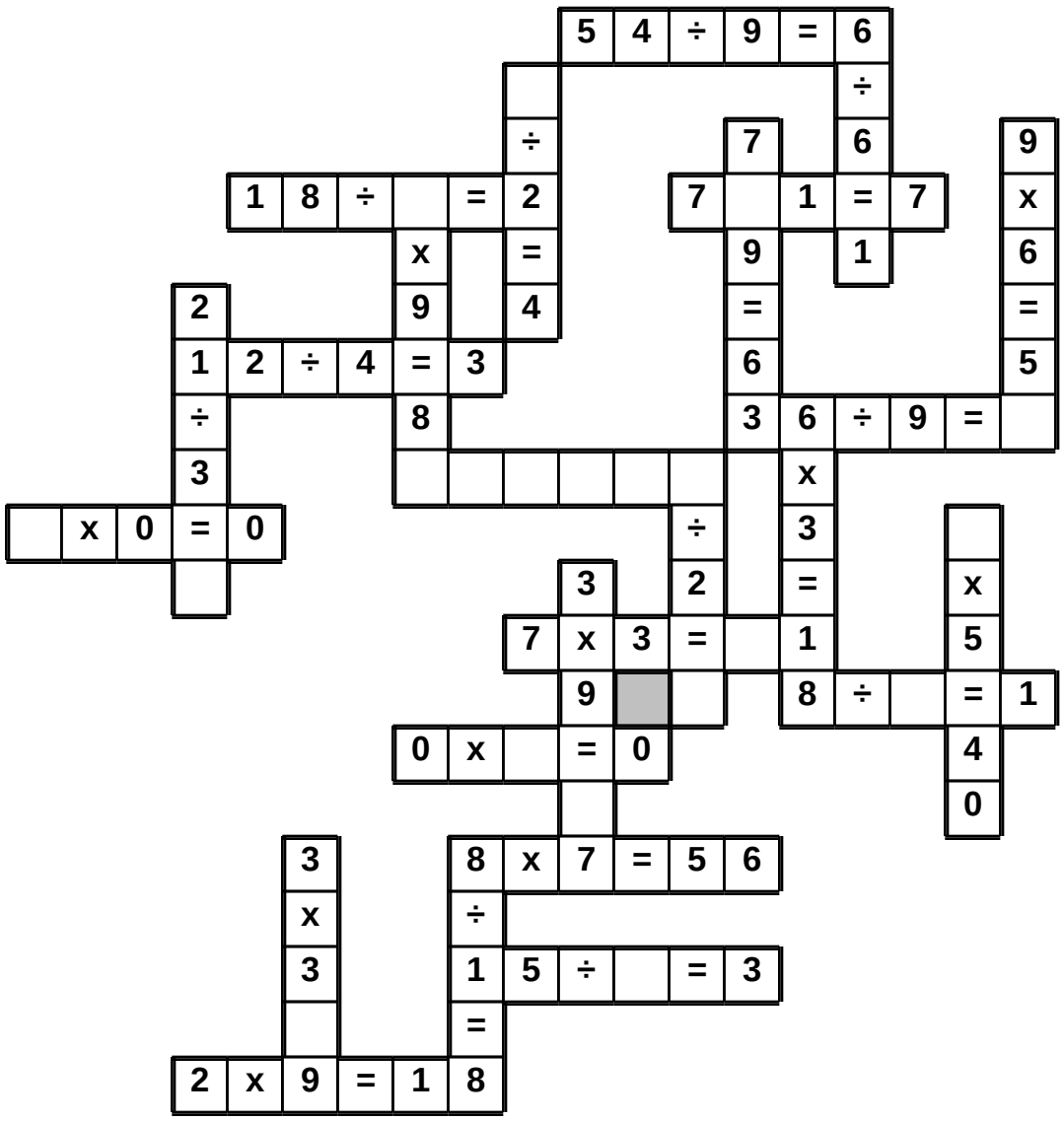
Can 690 be evenly divided by 6? Circle:
690 is evenly divisible by 6
690 is NOT evenly divisible by 6

7,859 + 1,137 = _____

Name: _____

8 • 9 • x • 4 • 1 • 4 • ÷ • 7 • = • 2 • 3 • 8 • 7 • 2 • 1 • 8 • 9
2 • 5 • =

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



Write the missing family fact.

127 - 75 = 52
52 + 75 = 127
75 + 52 = 127

_____

121 ÷ 11 = _____

24 ÷ 12 = _____

12 x 6 = _____

Name: _____

The EdHelper Clothes store at the mall has four employees (Justin, Alyssa, Emily, and Jennifer). This week they worked 38, 24, 40, and 29 hours. The employees at EdHelper Clothes are paid by the hour. Each employee is paid at a different hourly rate ($13.48, $13.96, $13.68, and $13.24).

Figure out how many hours each employee worked this week. Also, determine each employee's hourly pay.

1. Alyssa had the smallest paycheck for the week.
2. The employee that worked thirty-eight hours this week, worked fifty-one hours last week. Last week, the employee earned $172.12 more than the amount the employee earned this week.
3. Jennifer earns more than $13.48 per hour.
4. This week, Alyssa worked the least number of hours.
5. Emily earns the least amount of money per hour.
6. Justin worked less than forty hours this week.

Justin worked _____ hours and was paid _____ hourly.

Alyssa worked _____ hours and was paid _____ hourly.

Emily worked _____ hours and was paid _____ hourly.

Jennifer worked _____ hours and was paid _____ hourly.

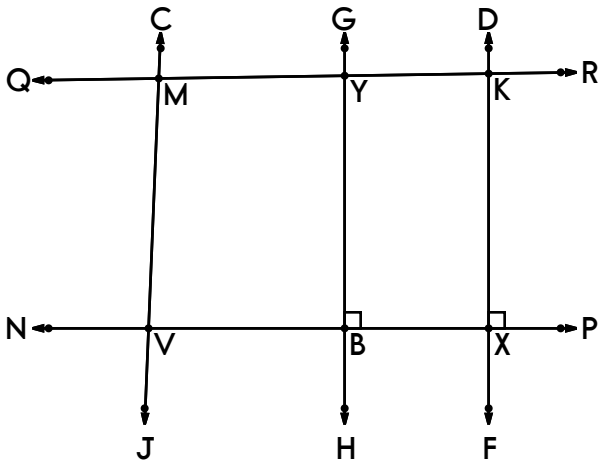
Circle the smallest number:

24,589
9,516
460,352,987,159
60,317,034,827

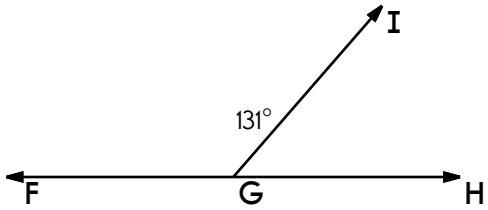
Circle the digit in the hundredths place.

6,996.4284

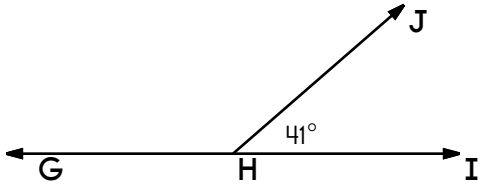
Name: _____



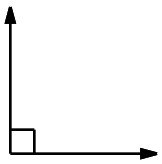
How many different angles can you name that include point K.



What kind of angle is ∠FGI?



What is the measure of ∠GHJ?



What kind of angle is this?

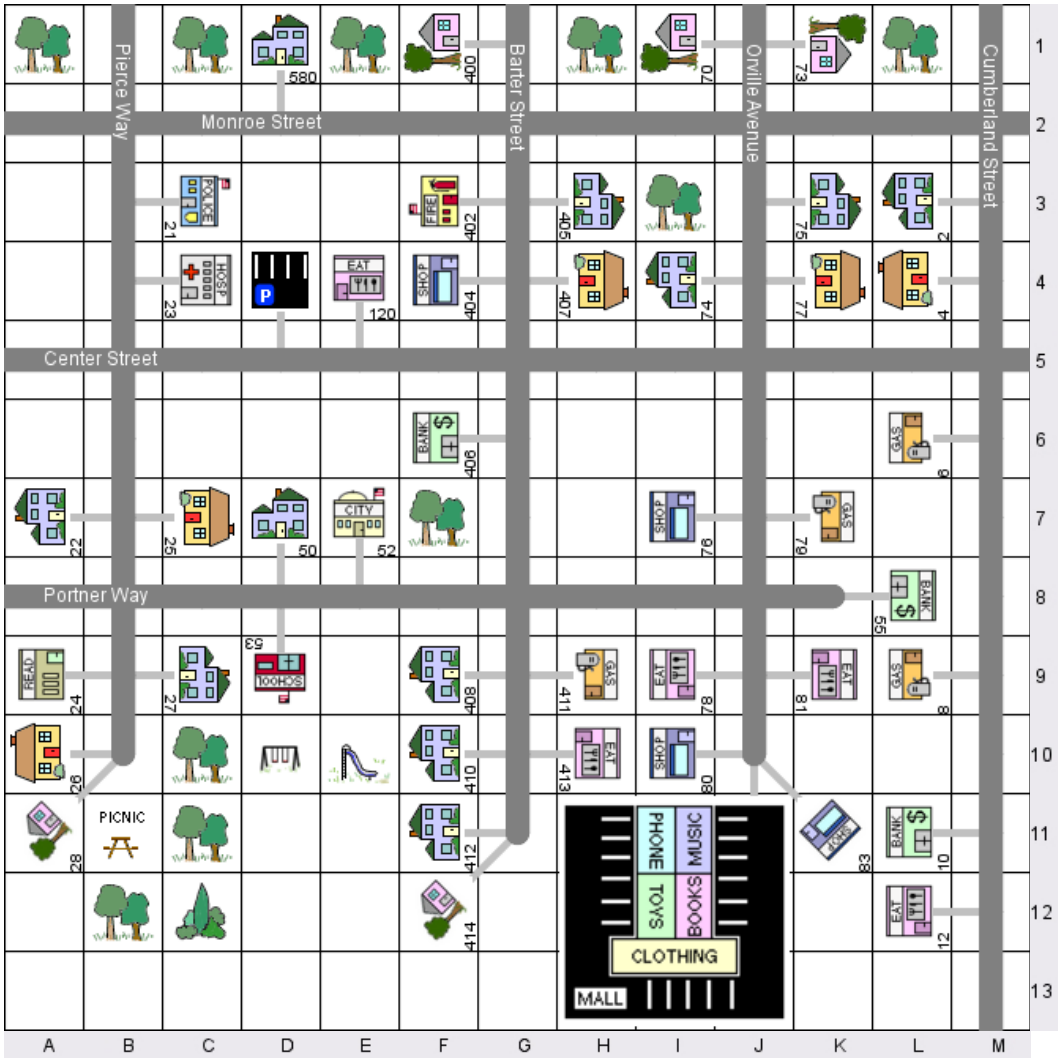
Use a protractor to draw a 115° angle.

What angle is the complement of an angle that is 37°?

An angle measures 45°. What would you call this angle?

Name: _____

= 136 feet



Circle the one at K,3.

Circle the one at L,11.

73 Orville Avenue is at _____.

53 Portner Way is at _____.

580 Monroe Street is at _____.

23 Pierce Way is at _____.

83 Orville Avenue is at _____.

80 Orville Avenue is at _____.

Name: _____

Circle the building that is located on Monroe Street.

The store at 404 Barter Street is across from

_____

Go _____ to drive from the store at 76 Orville Avenue

to the store at 80 Orville Avenue

.

[Hint: Use north, south, west, or east.]

Center Street is _____ of Monroe Street.

Barter Street is _____ of Orville Avenue.

Begin at the house at 407 Barter Street. Walk the path to the road. Once you reach the road, you have already walked 97 feet. Go north on Barter Street. Your final destination is on the west side of Barter Street. You will have walked a total of 72 feet from your starting point (including the 97 feet path at the end of your walk). What is your final destination?

Go _____ to drive from the house at 414 Barter Street to the fire station at 402 Barter Street

.

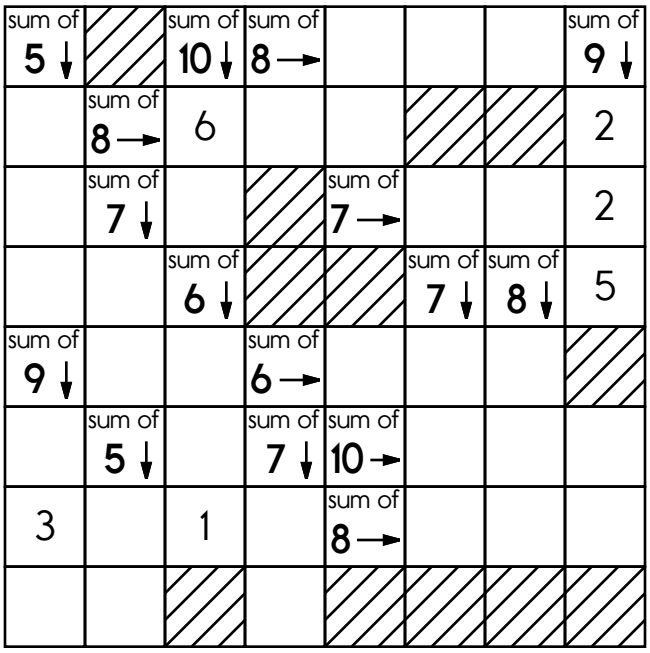
Barter Street is _____ of Pierce Way.

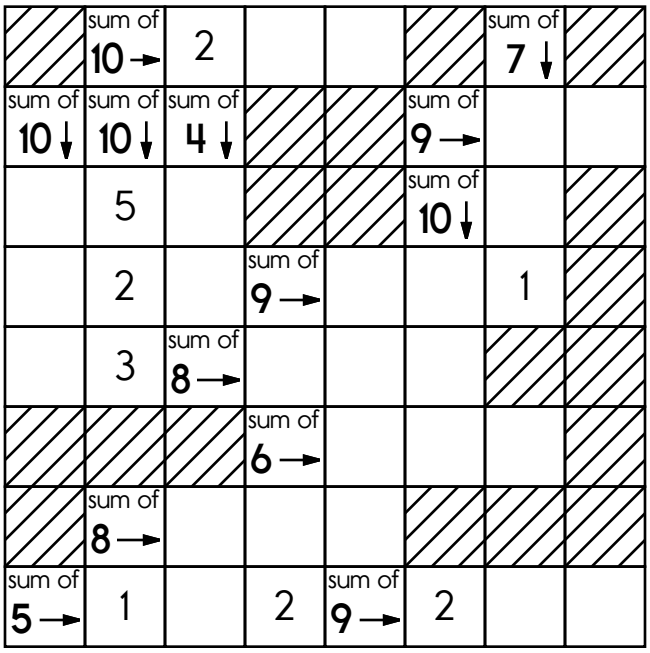
Portner Way is _____ of Center Street.

Begin at the house at 73 Orville Avenue. Walk the path to the road. Once you reach the road, you have already walked 97 feet. Go south on Orville Avenue. Your final destination is on the west side of Orville Avenue. You will have walked a total of 79 feet from your starting point (including the 97 feet path at the end of your walk). What is your final destination?

Name: _____

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





Find the sum of 8, 7, and 2.

Find 5% of 268.

Change 3% to a decimal.

$$\begin{array}{r} 7{,}378 \\ -\ \ 884 \\ \hline \end{array}$$

Change $\frac{49}{42}$ to a mixed number.

$$\begin{array}{r} \frac{3}{12} \\ \frac{3}{12} \\ +\ \frac{1}{12} \\ \hline \end{array}$$

Name: _____

Fraction	Percentage
$\frac{70}{100}$	70%
$\frac{20}{100}$	
$\frac{45}{100}$	
$\frac{15}{100}$	

Percentage	Decimal
70%	
	0.34
	0.03
26%	
59%	
8%	

Decimal	Fraction
0.9	
0.08	
	$\frac{77}{100}$
0.89	

Fraction	Percentage
$\frac{30}{100}$	
$\frac{25}{100}$	
$\frac{35}{100}$	
	40%

$$\begin{array}{r} 0.9 \\ -\ 0.76 \\ \hline \end{array}$$

19.7 - 5.37 =

$$\begin{array}{r} 0.92 \\ -\ 0.222 \\ \hline \end{array}$$

word root **envi** can mean **encircle** **environment, environmentalist**

Name: _____

Max has an equal number of quarters and nickels in his coin collection. They total $6.60. How many nickels does he have?

Ava likes to make her own board games with special dice. In her latest creation, each die has 5, 8, 11, 14, 17, and 20. If you have to roll two of these dice for each move, what is the most likely outcome for your first move?

On a map, 0.4 inches is equal to 2 miles. Connor wants to go from where his house is to a soccer field hosting a tournament that is 0.8 inches away. How far is the actual distance from his house to the soccer field?

Jenna has a robotic fly that with one charge can fly for 4 minutes and 50 seconds. It has to flap its wings 326 times per minute to stay in the air. How many times will it flap its wings during one flight after a full charge?

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A **-**

7	62	**24**
61	**22**	72
2	91	53
32	90	57

Find a subtraction fact.

B **+**

75	50	74
47	46	80
10	65	81
48	73	88

Find an addition fact.

C **-**

51	34	64
8	97	32
39	23	88
61	1	35

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	24	-	22	=	2
B		+		=	
C		-		=	

You are given three cards. One card has the number 1 on it, another card has a 2, and the last card has the number 3 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?

Can 450 be evenly divided by 10? Circle:
450 is evenly divisible by 10
450 is NOT evenly divisible by 10

word root **gyro** can mean **turn** **gyroscope, gyrate**

Name: _____

athletics • oblige • adjourn • cooperate • control • sentinel

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

	cooperate				control
		adjourn		athletics	
				oblige	
	sentinel		athletics		
	oblige	athletics		adjourn	sentinel

47,286 + 97,346 = _____

12 x 11 = _____

The product of two consecutive whole numbers is 156. What are the two consecutive whole numbers?

Hannah went to a restaurant. Her bill was $25. She wanted to give the food server a 20% tip. The tip came to $5.
Today her family went out. The bill was $46. If her family wants to give the same 20% tip, how much will the tip be?

16 ÷ 8 = _____

What time is 13 hours after 1:00 p.m.?

_____

8,233 + 3,839 = _____

9 x 7 =

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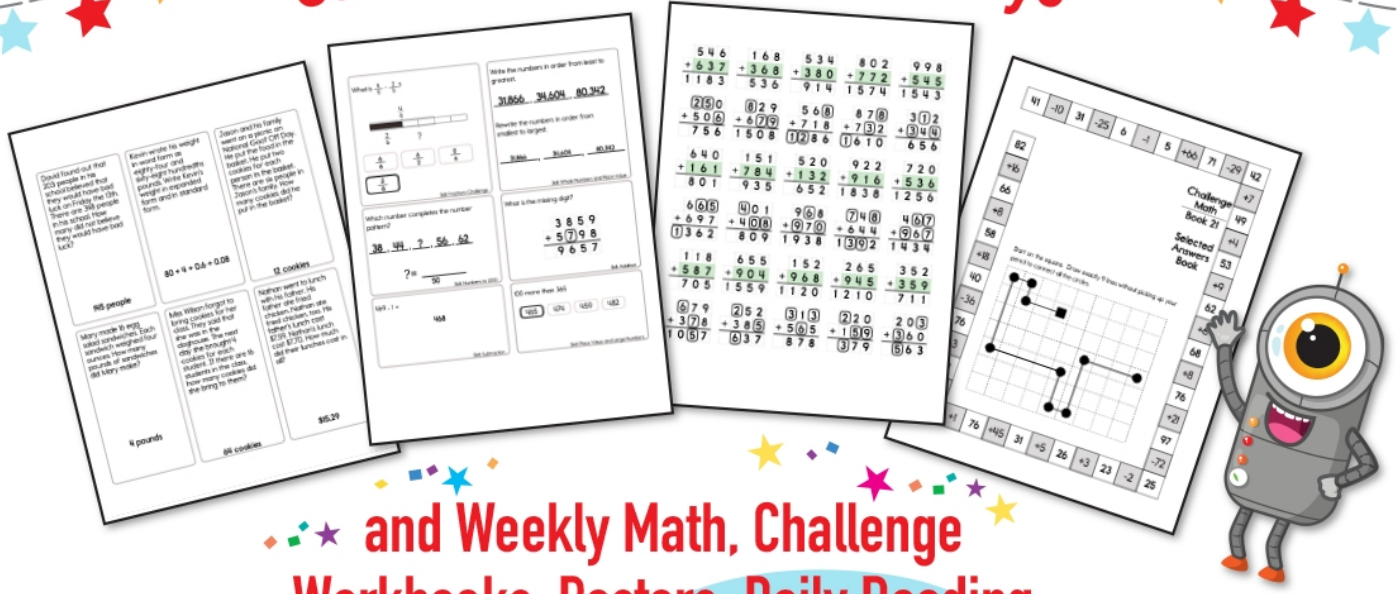

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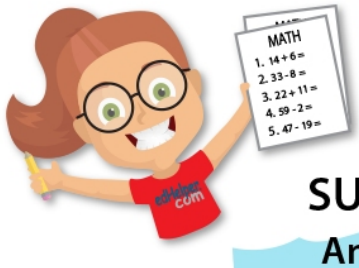

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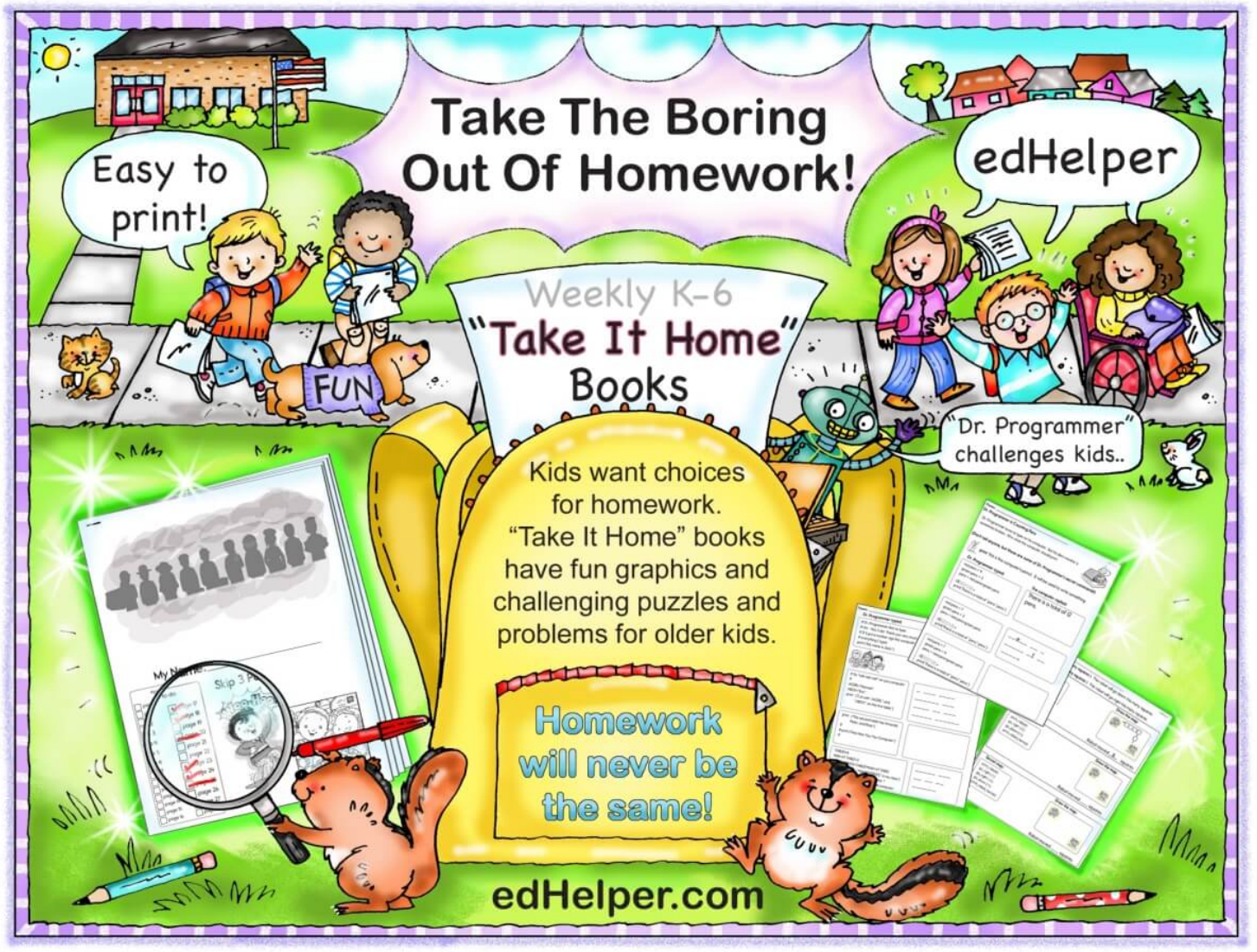
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