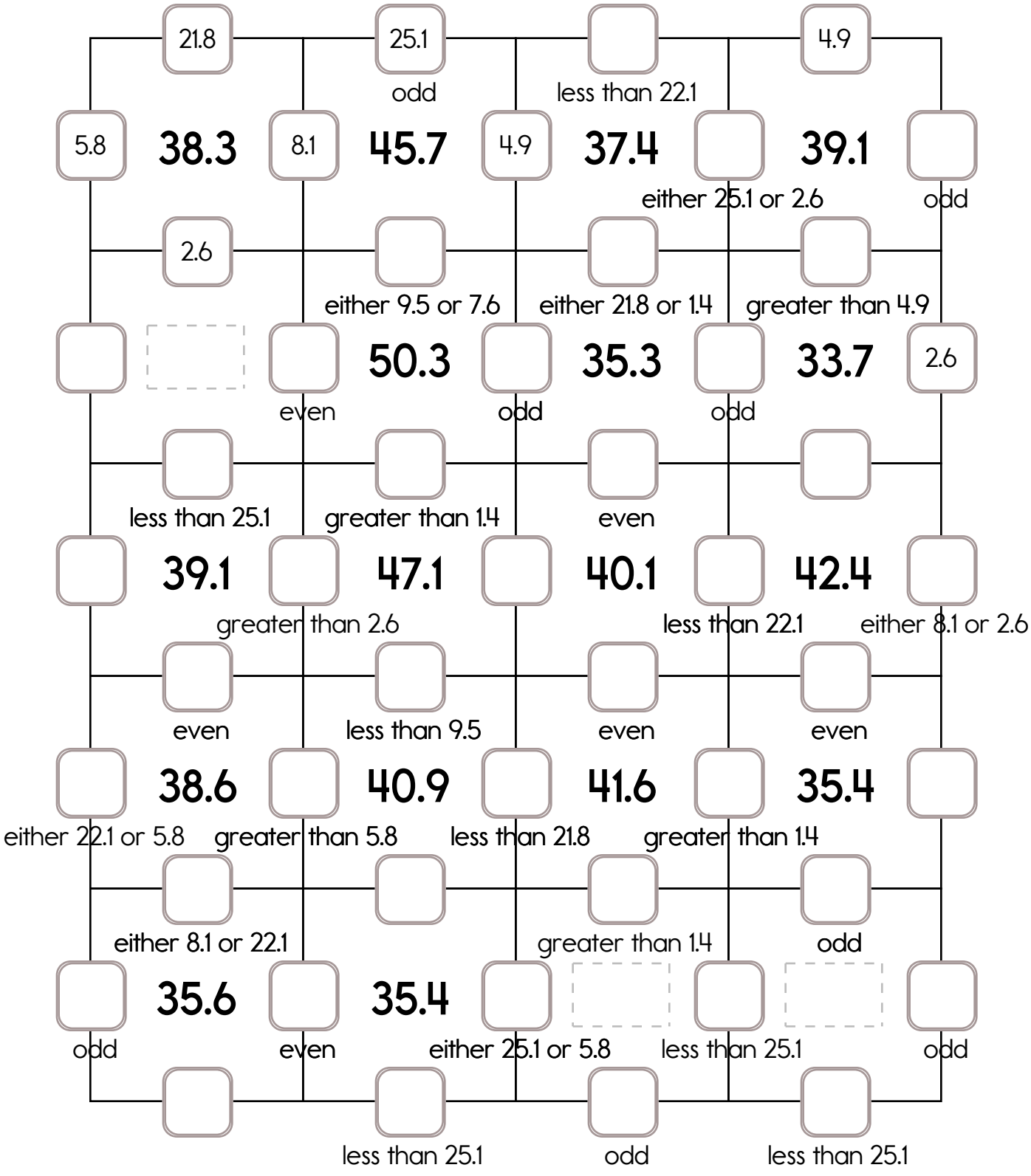
Name: _____

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

Exactly one of the four numbers has to be one of these numbers: 21.8, 22.1, or 25.1. The other three numbers have to all be DIFFERENT and must be from these: 7.6, 2.6, 1.4, 8.1, 9.5, 5.8, or 4.9.



Name: _____

Reduce each fraction to a mixed numeral in its lowest terms.

$\frac{243}{63}$ =

$\frac{24}{12}$ =

$\frac{114}{16}$ =

$\frac{30}{35}$ =

$\frac{40}{6}$ =

$\frac{72}{9}$ =

$85 - \frac{4}{5}$ =

$15 + \frac{1}{2} + \frac{2}{3}$ =

$\frac{1}{3} \times \frac{5}{8}$ =

$1\frac{4}{7} \div 2\frac{1}{2}$ =

$\frac{1}{2} \times \frac{2}{3}$ =

What is the least common multiple of 12 and 18?

What is the greatest common factor of 5, 37, and 41?

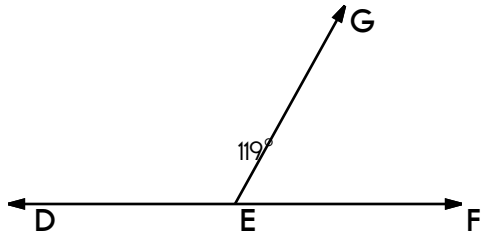
What is the greatest common factor of 22 and 24?

Change to a percent.
0.01

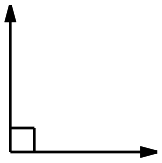
8 is what % of 10?

Write the ratio as a fraction in lowest terms.
3 dogs to 2 cats

Name: _____



What kind of angle is ∠DEG?



What kind of angle is this?

3 - 2 - 2 =

-12 - 10 =

-37 + 29 =

13 - 8 = ____

13 + -8 = ____

2 - 4 - 1 =

-9 + 13 = ____

Write as a decimal.
Ten and one hundredth

Use >, <, or = to complete.

6.5 __ 5.7

1.2 __ 1.0

9.6 __ 8.9

9.7 __ 9.8

4.42 __ 4.16

0.5 __ 0.44

1.3 __ 1.3

Write as a decimal.
Three and forty-eight hundredths

Name: _____

$\begin{array}{r} 19.7 \\ -\ 17.77 \\ \hline \end{array}$	13.6 - 1.26 =	$\begin{array}{r} 2.85 \\ +6.16 \\ \hline \end{array}$
$\begin{array}{r} 512 \\ 937 \\ +\ 782 \\ \hline \end{array}$	Subtract 71 from 556.	$\begin{array}{r} 735 \\ +\ \ 55 \\ \hline \end{array}$
$\begin{array}{r} 761 \\ \times\ \ 79 \\ \hline \end{array}$	Multiply 342 and 7.	$3\overline{)135}$
Change $\frac{1}{5}$ to a decimal.	$3\overline{)1.2}$	$9\overline{)69.3}$

Name: _____

What is the least common multiple of 10 and 12?

Is the least common multiple of 6 and 2 smaller, equal to, or greater than the greatest common factor of 6 and 2?

___ + 24 = 32

What is the missing number?

x + 32 = 47

What is the value of x?

Write the angle that is the supplement of 149°.

Use a protractor to draw an acute angle ∠EFG.

Use a protractor to draw a 155° angle.

$$\begin{array}{r} 0.8 \\ -\,0.38 \\ \hline \end{array}$$

0.79 + 7.2 =

What is the sum of 15.3 and 7.6?

Find the sum of 59 and 769.

647 - 328 =

$$\begin{array}{r} 24 \\ +\,66 \\ \hline \end{array}$$

Name: _____

Write the missing family fact.

15 x 8 = 120
120 ÷ 15 = 8
120 ÷ 8 = 15

_____

28 ÷ 4 = _____

$$\begin{array}{r} 39 \\ +\ 48 \\ \hline \end{array}$$

Rewrite these in increasing order of length:

771 dm, 946 cm, 5 m, 657 mm

Alex has no pennies. Alex has four nickels and one dime. He also has one other coin that is different from the rest of his coins. How much could he have?

54 ÷ 9 =

Rose rolls a die. What is the chance of her rolling a 3?

_____

What number is halfway between 12 and 18?

29 lb = _____ oz

10 x 7 = _____

745 + 747 = _____

Emily is a family friend. She will be picking you up from school and driving you to the closest library. Where should she go? Write instructions to explain how she could get there and where you will be going.

$$\begin{array}{r} 77 \\ -\ 35 \\ \hline \end{array}$$

Name: _____

Sudoku Sums of 10

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 10.

Here is an example of a sudoku sum of 10:

2	8

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

$$\begin{array}{r} 241 \\ +\ 249 \\ \hline \end{array}$$

593 - 141 = _____

48 ÷ 4 = _____

$$\begin{array}{r} 550 \\ -\ 107 \\ \hline \end{array}$$

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

three hundred forty-eight thousand, nine hundred fifty

_____

1 cm = 10 mm

22 cm = _____ mm

word root **curv** can mean **bent** **curve, curveball**

Name: _____

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

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

IMPERFECT • QUANTITY
HOUSEHOLD • BEGGAR • CITIZEN
CAPABLE • DORMITORY • MARKET
SUIT • ACTIVE • DOCTOR • KIN

5 x 9 =

10 ÷ 2 = _____

How many pounds are in 144 ounces?

_____ pounds

Rose is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits.
The three digits add up to nineteen.
The tens digit is 2 more than the ones digit.
One digit in her number is six.
The hundreds digit is 5 more than the ones digit.

Are you going to get candy?

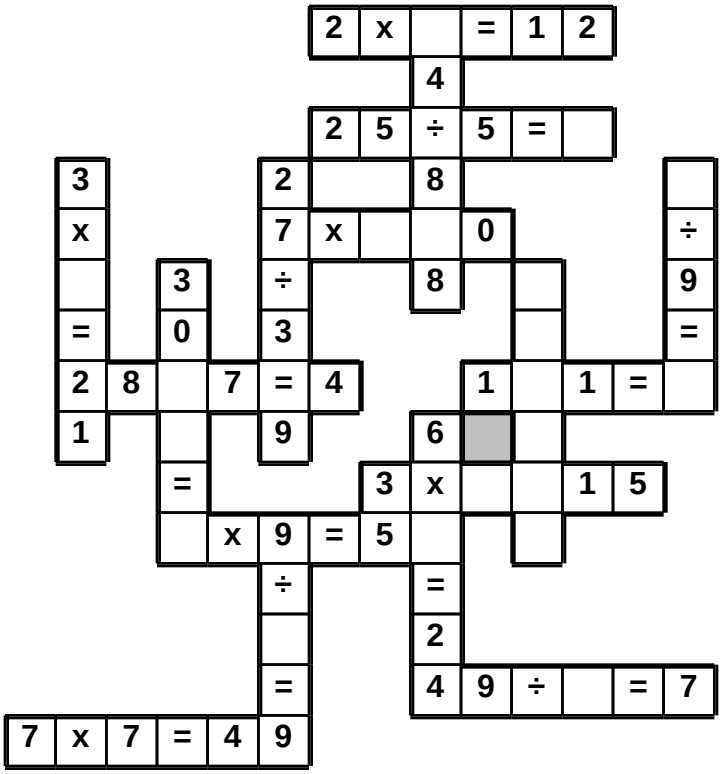
Amanda got a new soccer shirt. Can you guess the number on the back of her shirt?

It has two digits.
The digits add up to 13.
The larger digit is 3 more than the smaller digit.
The number is odd.

Name: _____

6 • 5 • 9 • 0 • = • 7 • 5 • 6 • ÷ • ÷ • 1 • 5 • 7 • 5 • = • 6
4 • 8 • 1 • 7

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



87,793 + 89,276 = _____

9,976 + 1,579 = _____

108 ÷ 9 = _____

Can 450 be evenly divided by 8? Circle:
450 is evenly divisible by 8
450 is NOT evenly divisible by 8

Wendy is older than Jenna. Jenna is older than Mary. Who's the oldest?

Circle the addition property for 48 + 69 = 69 + 48.

associative property
commutative property

Name: _____

Alexis, Caleb, and Megan each ate something different for breakfast (a bagel, pancakes, or yogurt). They also each had something different to drink (apple juice, tea, or milk).

Figure out what each person had for breakfast.

1. Alexis did not have milk.
2. Caleb likes to drink either tea or apple juice for breakfast.
3. Alexis did not have a bagel or tea.
4. The person who had yogurt also had tea.
5. Caleb did not have a bagel.
6. The person who had a bagel did not have tea.

Alexis had _____ for breakfast and drank _____.

Caleb had _____ for breakfast and drank _____.

Megan had _____ for breakfast and drank _____.

66 ÷ 6 = _____

Circle the digit in the hundredths place.

194.43

12 ÷ 2 = _____

12 ÷ 4 =

Pick a month. Can you make up a calendar for your month with five Thursdays? Show your calendar below:

Name: _____

Write the decimal in words.
7.38

Write as a decimal.
Seven tenths

Write as a decimal.

$20\frac{408}{1000}$

Write the reciprocal.

$\frac{5}{8}$

Write the reciprocal.

$\frac{1}{12}$

$\frac{3}{4} \div 2\frac{3}{5} =$

$$2\frac{1}{9} + 4\frac{4}{9} = \_\_\_\_$$

$22 - \frac{1}{2} =$

Find the least common denominator.

$\frac{2}{7}$ and $\frac{8}{14}$

$-12 - 8 =$

$5 - 10 - 1 =$

$10 \div -1 =$

Name: _____

Can you figure out the value of the letter?

$5a + 4 = 44$

first subtract 4 from both sides

then divide each side by 5

$\mathbf{5a + 4 - 4 = 44 - 4}$

$\mathbf{5a = 40}$

$5a \div 5 = 40 \div 5$

$a = \mathbf{8}$

Double check: $(5 \times \mathbf{8}) + 4 = 44$

$8d + 5 = 29$

first subtract 5 from both sides

then divide each side by 8

$d =$ ___

Double check: $(8 \times$ ___$) + 5 = 29$

$9w - 8 = 1$

first add 8 to both sides

then divide each side by 9

$w =$ ___

Double check: $(9 \times$ ___$) - 8 = 1$

$6g - 1 = 11$

first add 1 to both sides

then divide each side by 6

$g =$ ___

Double check: $(6 \times$ ___$) - 1 = 11$

$4b + 8 = 24$

first subtract 8 from both sides

then divide each side by 4

$b =$ ___

Double check: $(4 \times$ ___$) + 8 = 24$

$7h + 4 = 67$

first subtract 4 from both sides

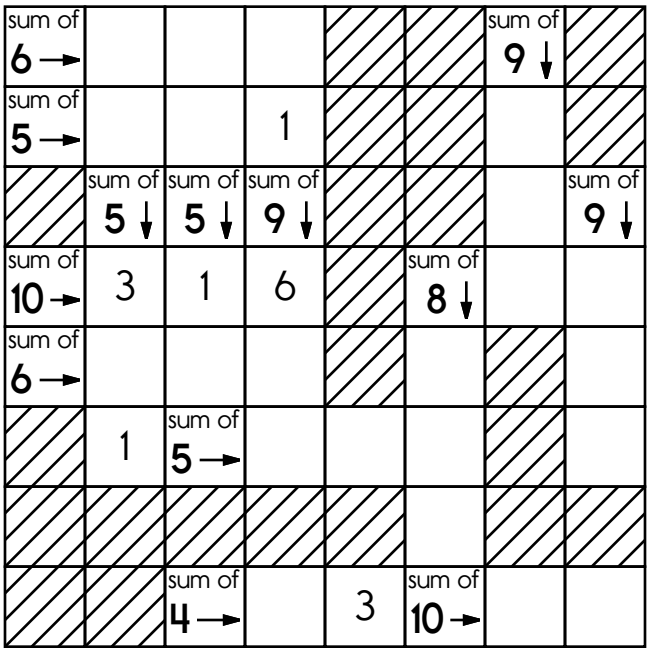
then divide each side by 7

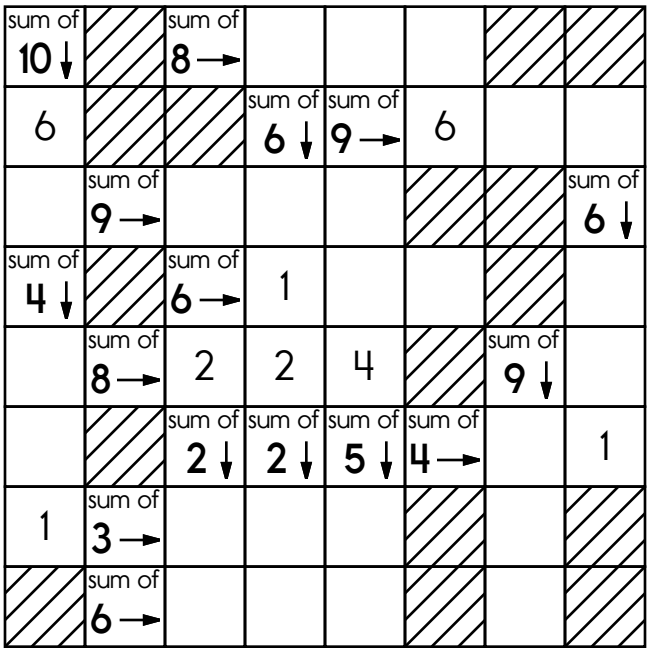
$h =$ ___

Double check: $(7 \times$ ___$) + 4 = 67$

Name: _____

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





The boys in your class each were given a ticket with a number on it. The numbers given out were: 33, 37, 29, 5, 3, 21, 26, 13, 30, 40, 6, and 16. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 6?

3 x 7 = _____

5 x 3 = _____

11 x 3 = _____

(6 + 8) + 5 =

For 943,929,496,736, write the digit that is in the ten thousands place.

_____

Can 234 be evenly divided by 3? Circle:

234 is evenly divisible by 3

234 is NOT evenly divisible by 3

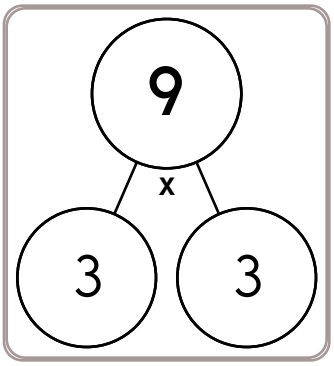
466 + 713 = _____

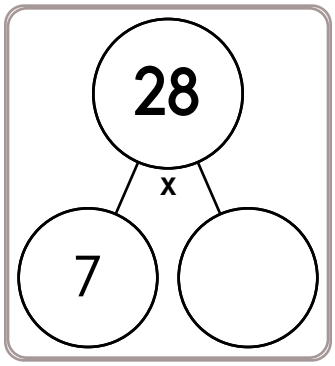
word root **cor** can mean **with or together** **corrupt, corruption**

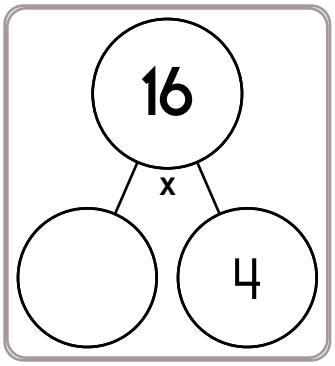
Name: _____

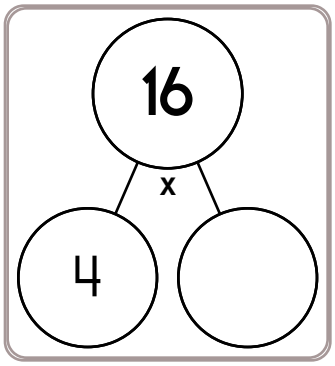
MAD MINUTES

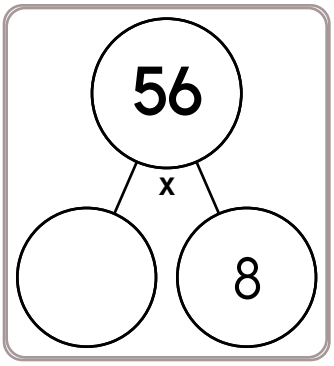
54 ÷ ___ = 9	___ ÷ 5 = 2	14 ÷ ___ = 7
___ ÷ 2 = 3	___ ÷ 9 = 8	___ ÷ 8 = 8
21 ÷ ___ = 3	12 ÷ ___ = 2	20 ÷ ___ = 5
___ ÷ 6 = 3	6 ÷ ___ = 2	___ ÷ 2 = 8

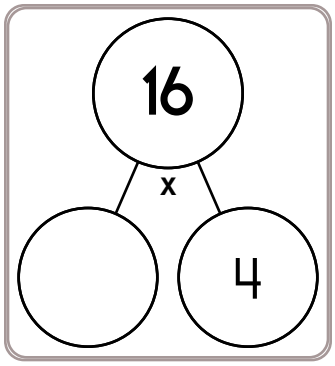


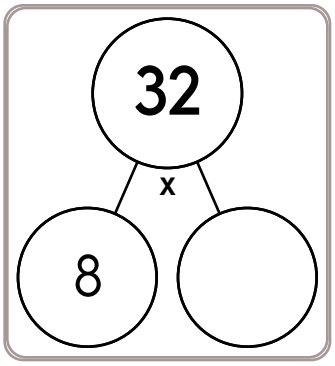


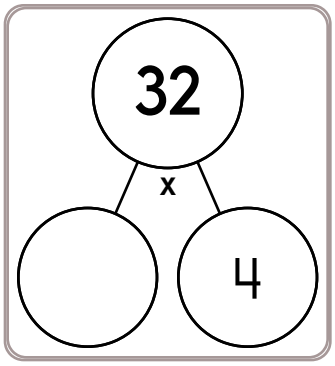








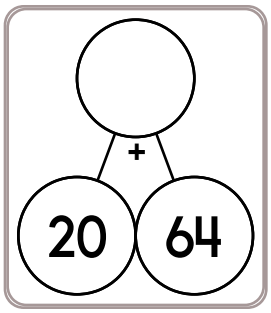


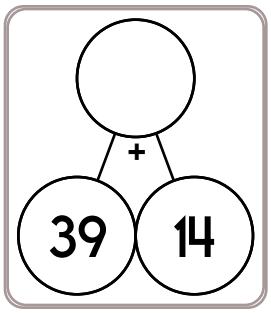


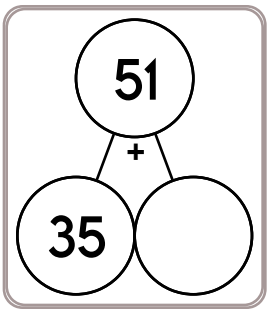
MAD MINUTES

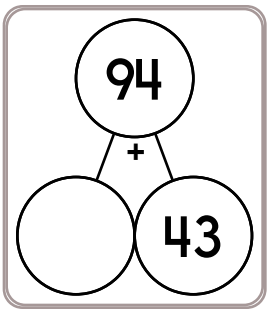
83 - 8 =	28 - 8 =	61 - 3 =
50 - 8 =	37 - 2 =	48 - 4 =
11 - 5 =	10 - 7 =	17 - 2 =
90 - 7 =	52 - 3 =	30 - 9 =

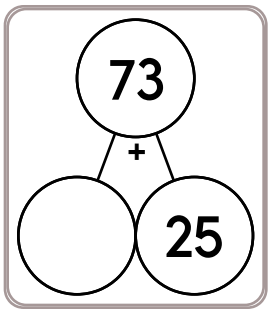
Name: _____

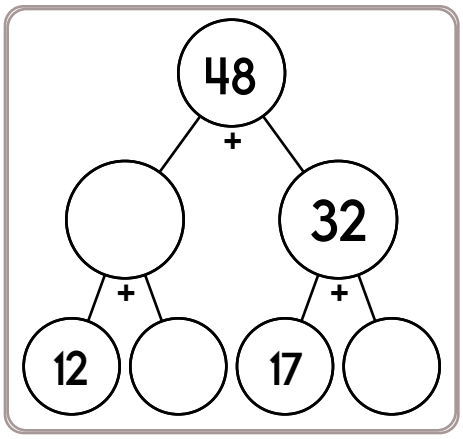


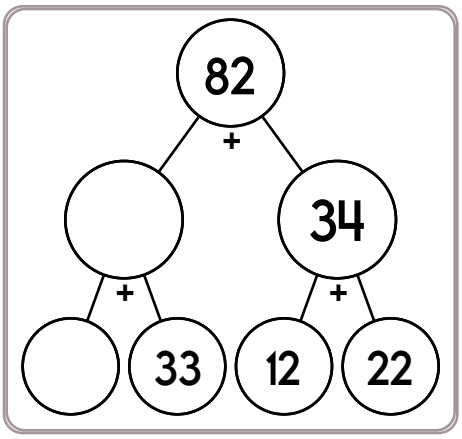


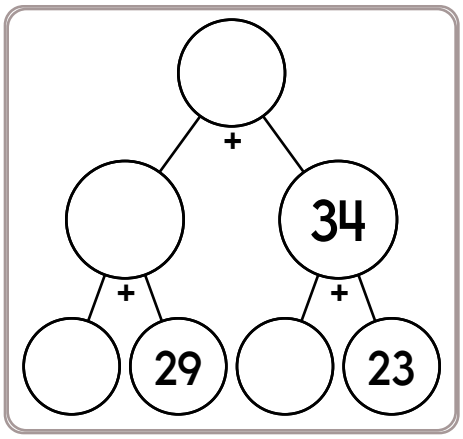


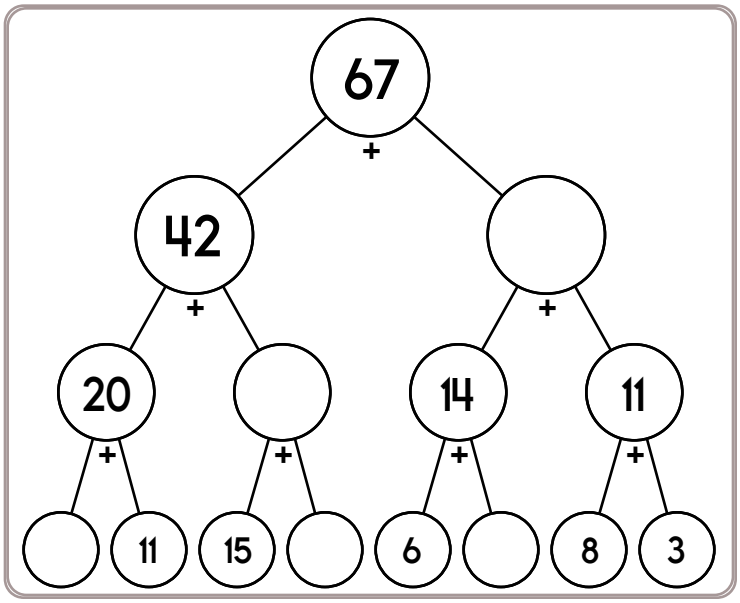


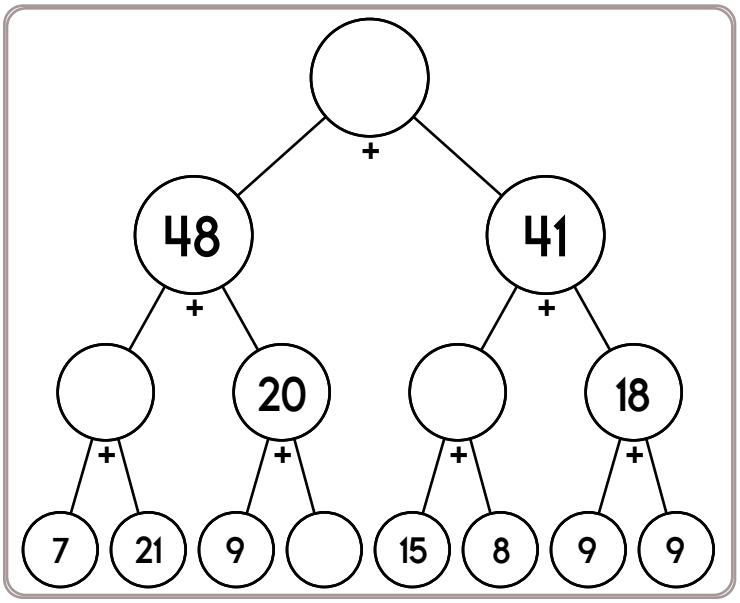












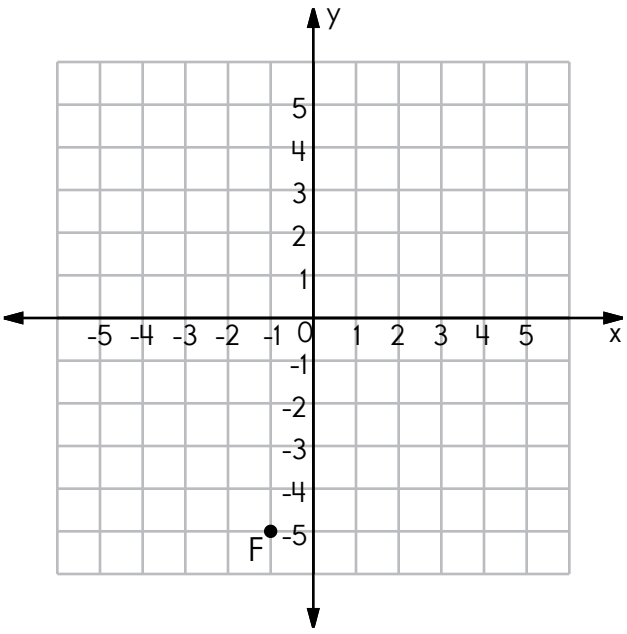
Round the decimal 0.535 to the nearest hundredth.

How many centimeters in 2.5 meters?

It was 72 degrees outside. What would the temperature be if it got 11 degrees colder?

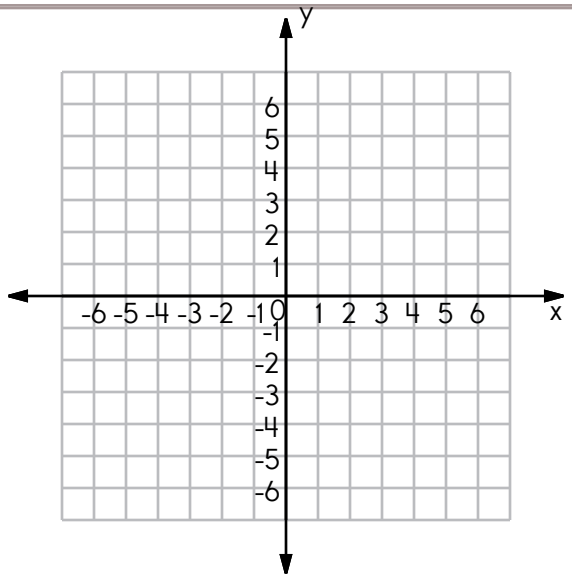
word root **fac** can mean **do or make** **factory, manufacture**

Name: _____



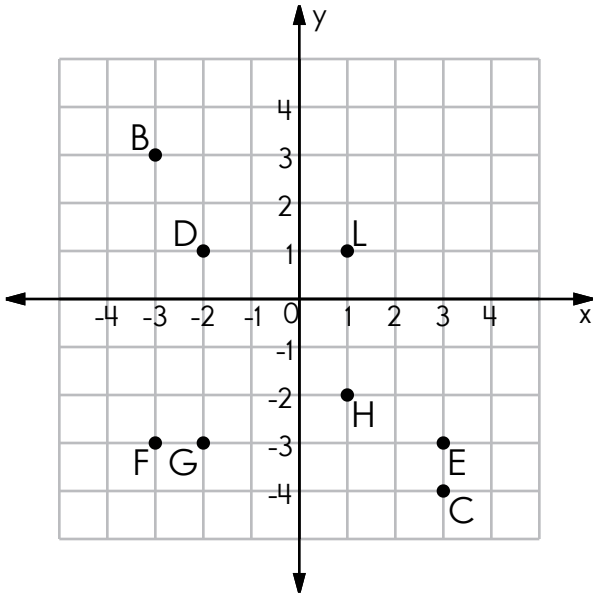
Point ___ is in Quadrant _____.

The coordinates of F are _____.



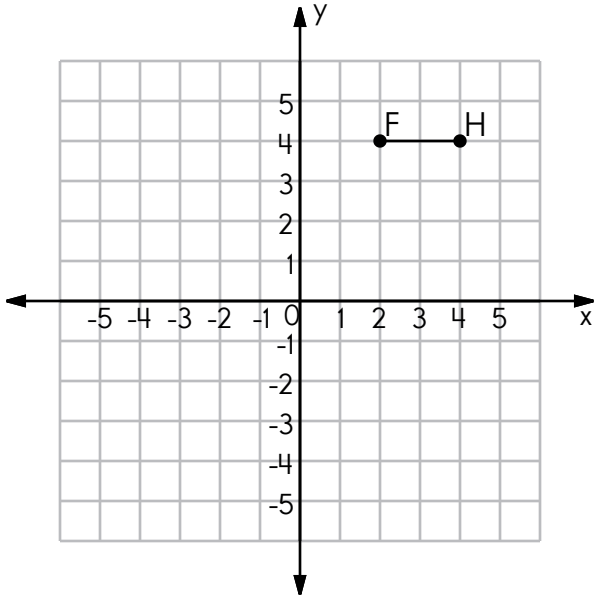
Draw a rectangle in Quadrant IV.

What is the area of your rectangle?



Which 2 points are reflections of each other across the y-axis?

Point _____ and Point _____



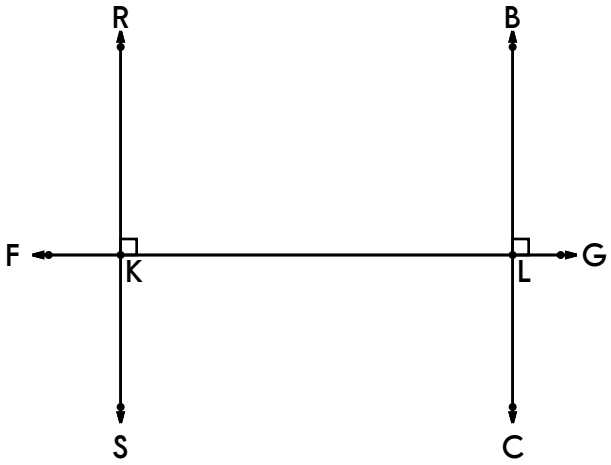
What is the length of $\overline{FH}$?

____ units

Draw a vertical line with points F and B. Your line should be 2 units in length.

Name: _____

$3\overline{)15.3843}$ $5\overline{)137.5}$ $8\overline{)1.256}$



Show where all the right angles are.
How many right angles did you find?

Sketch 2 lines $\overleftrightarrow{FG}$ and $\overleftrightarrow{WX}$ that are parallel.

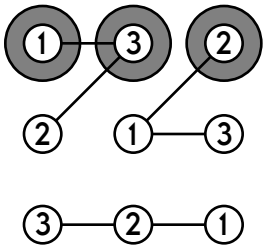
(117,649) , (16,807) , (2,401) , (343) , (49) , (7) , (1) , _____, $\frac{1}{49}$

$5\frac{3}{6} + 4\frac{2}{6}$

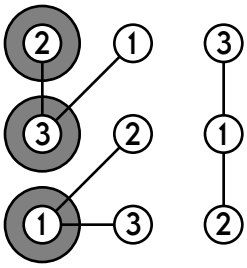
34, 46, 58, 70, 82, _____, 106, 118, 130, 142

Name: _____

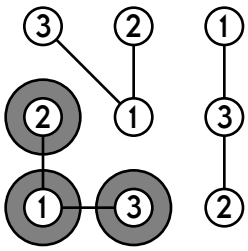
Each column must contain different numbers.

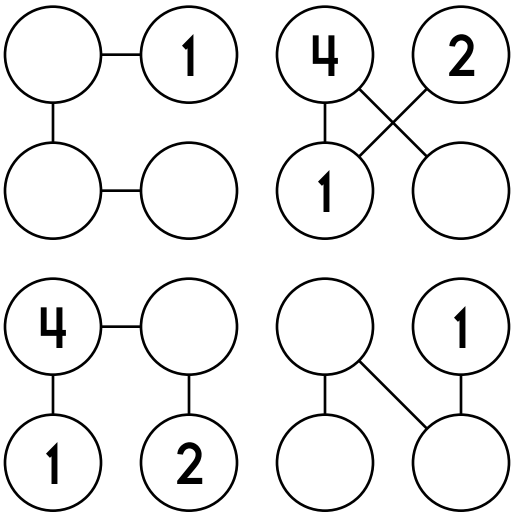


Each row must contain different numbers.

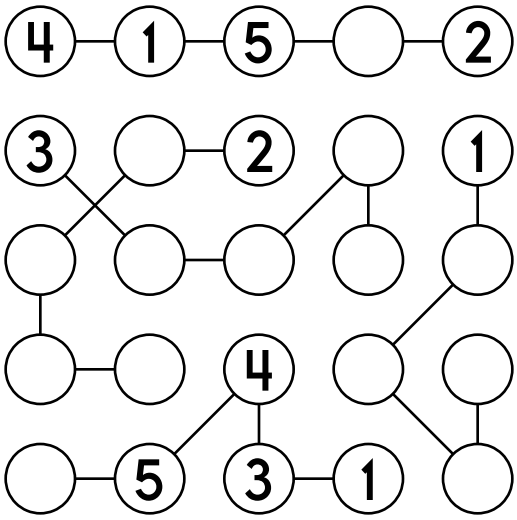


Each connected group must contain different numbers.

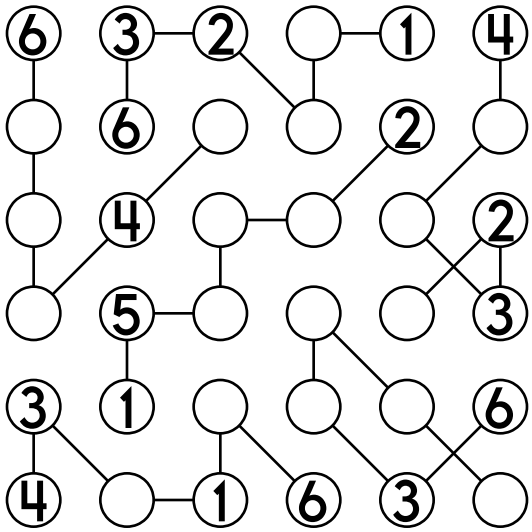




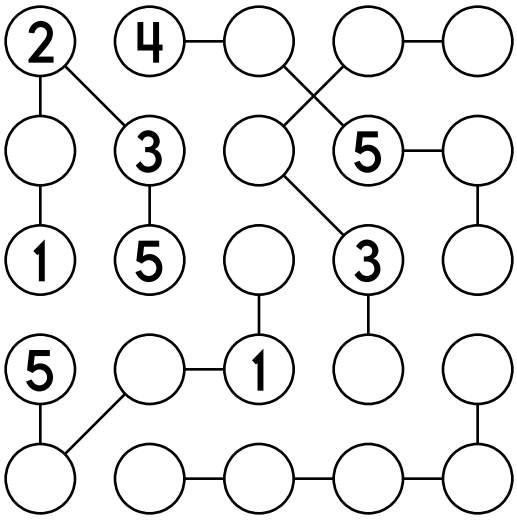
Use the numbers 1 through 4.



Use the numbers 1 through 5.



Use the numbers 1 through 6.



Use the numbers 1 through 5.

Name: _____

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

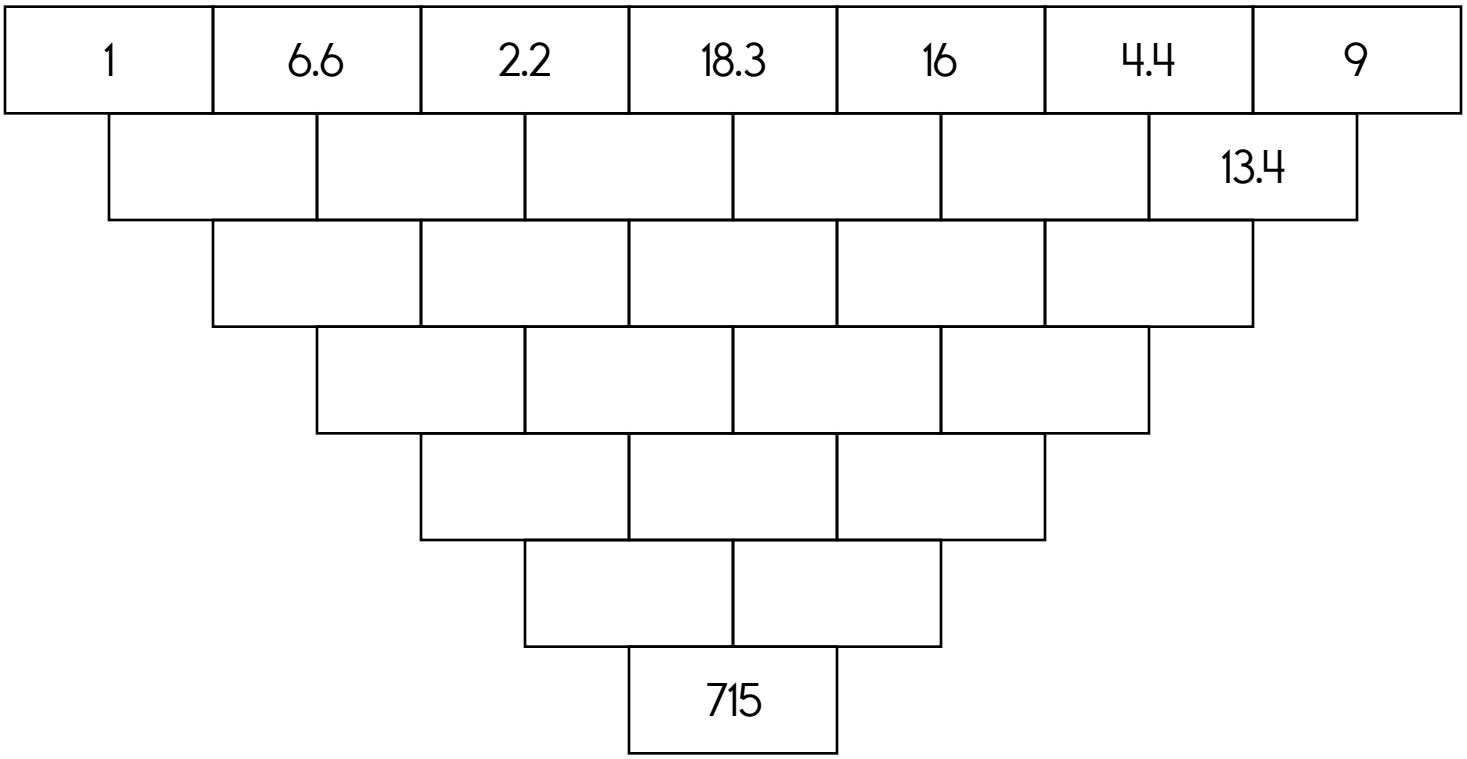
2			3		
		4		2	
	4				1
				4	
	5				
1		2			3

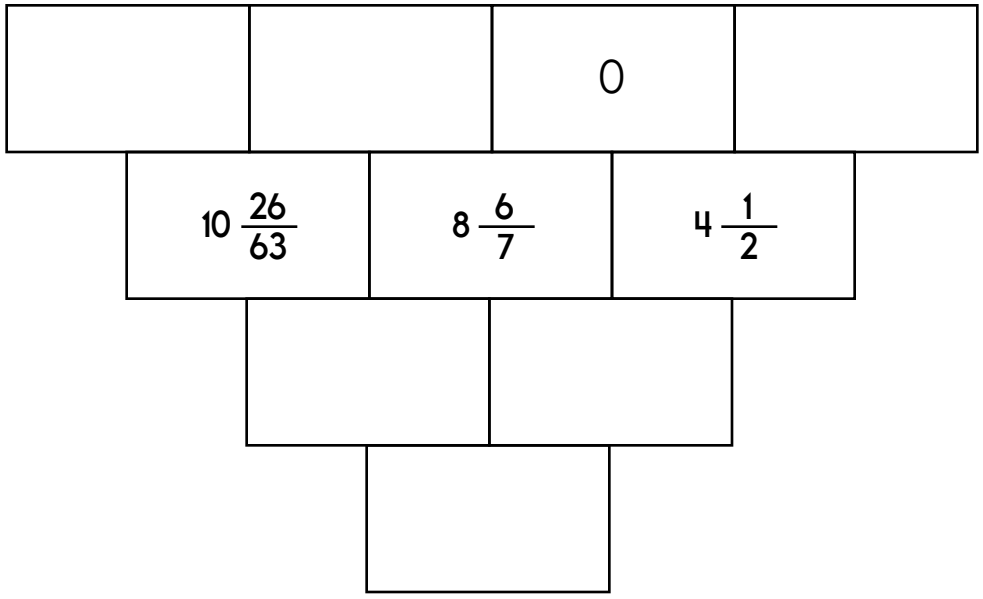
Each row, column, and box must have the numbers 1 through 6.

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

Name: _____

The block below is the sum of the two blocks above. Fill in the missing blocks.





Reduce $\frac{2}{18}$ to its lowest terms.

$$\begin{array}{r} 9,249,795 \\ -\quad 31,721 \\ \hline \end{array}$$

Change $\frac{3}{6}$ to a decimal.

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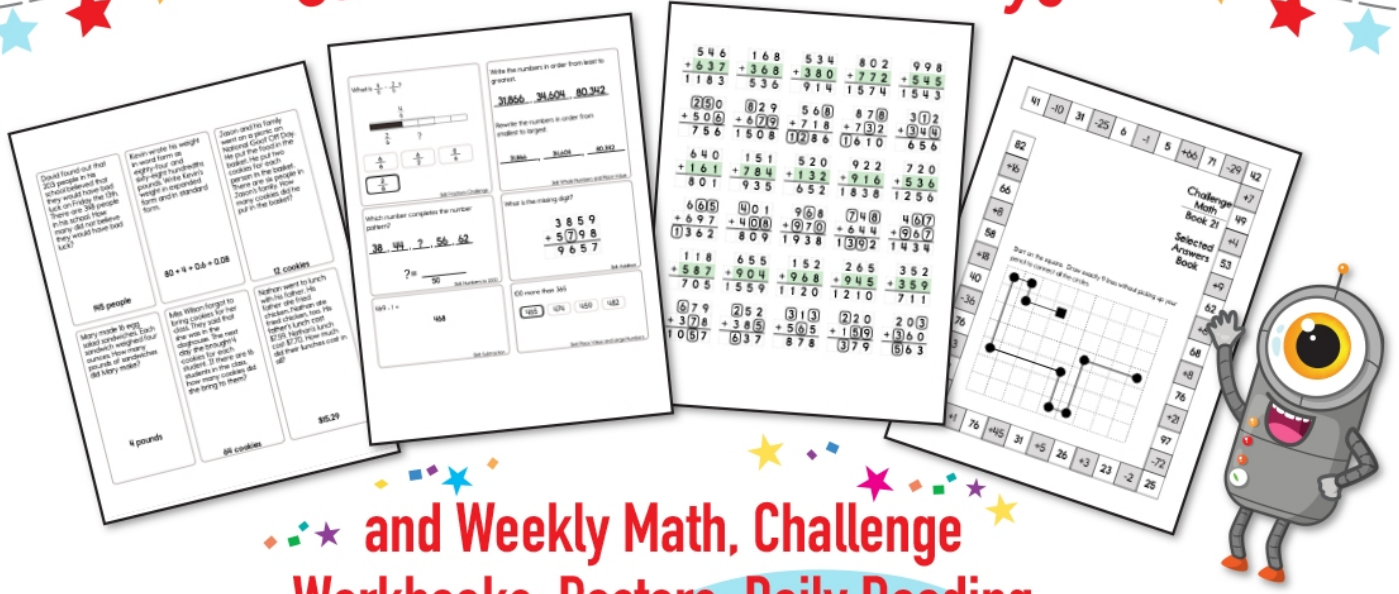

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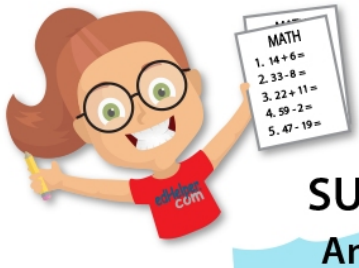

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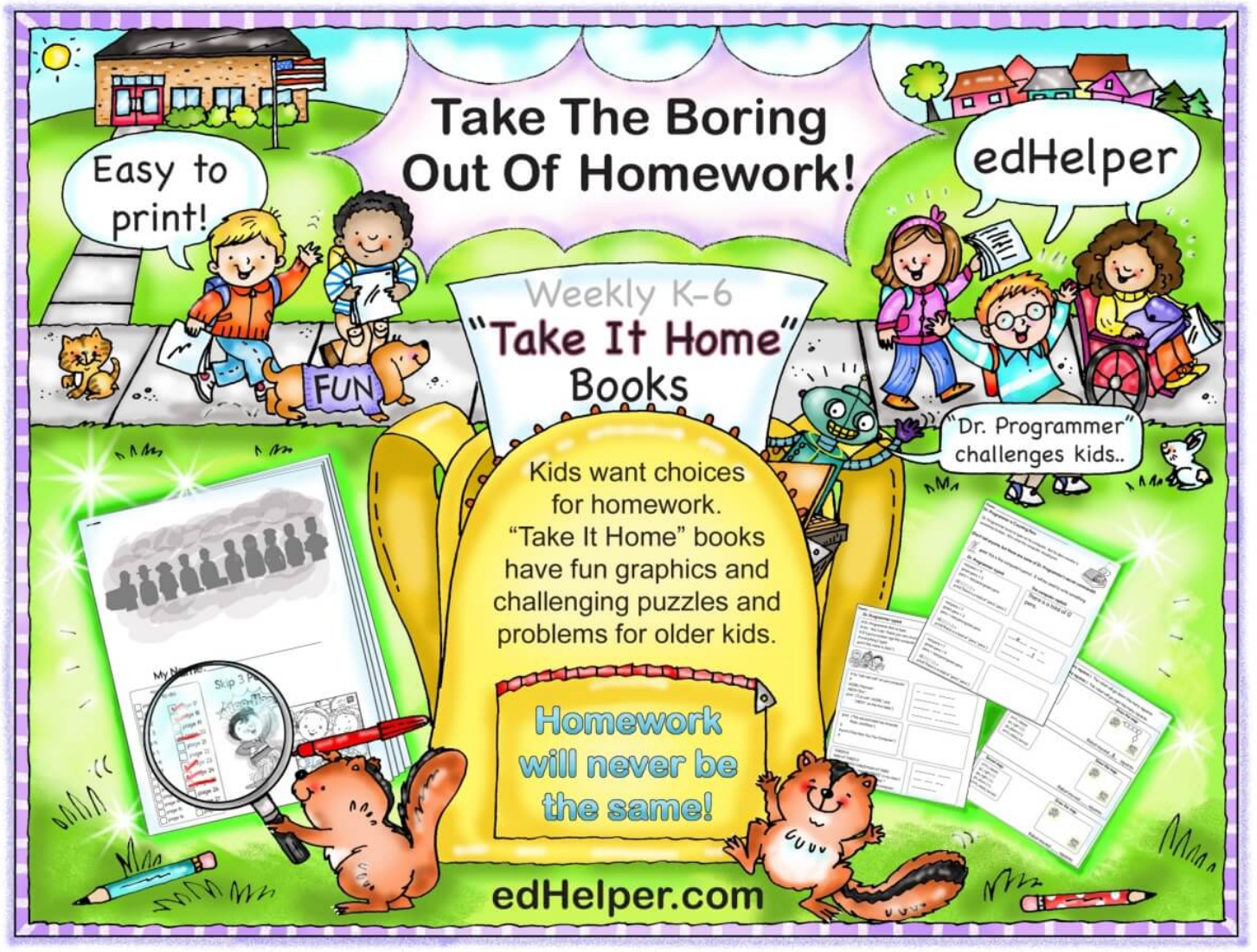
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