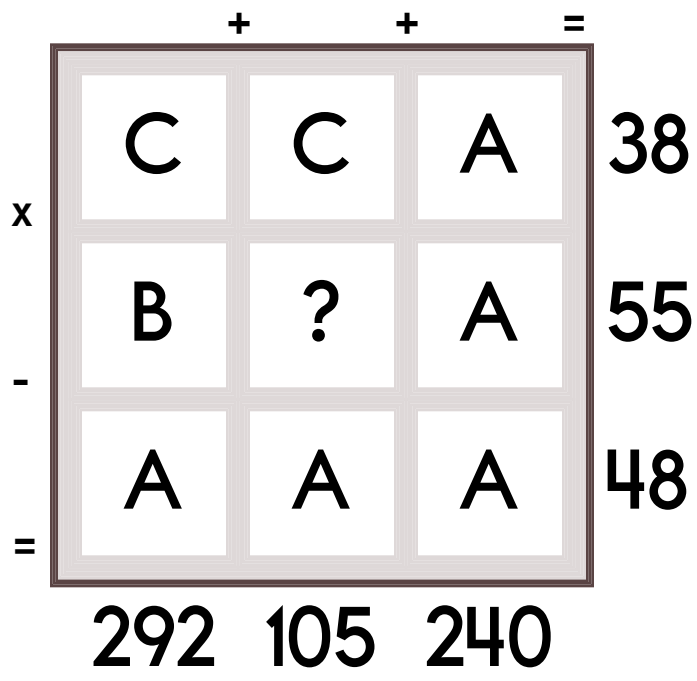
Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

A + A + A = 48 C + __ + A = 38

__ x __ - __ = 240 __ x __ - __ = 292

Additional hints:

A = C + 5 C > 1

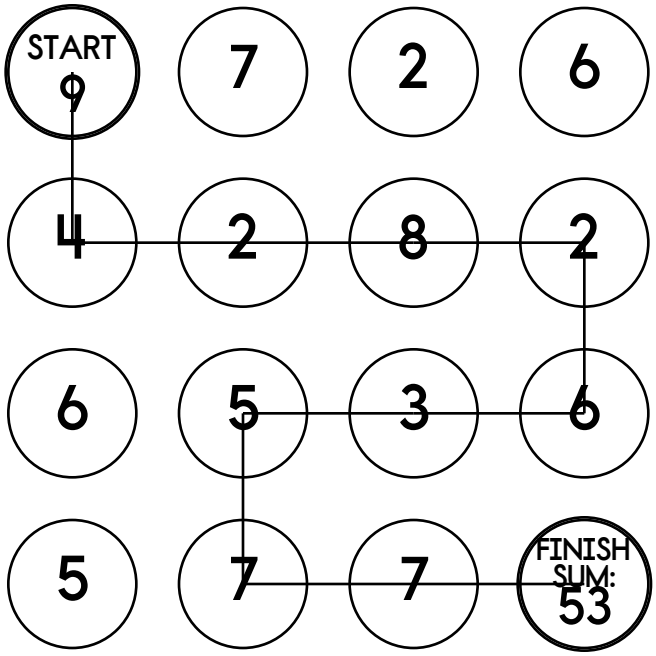
Show Work:

Solve:

? = __

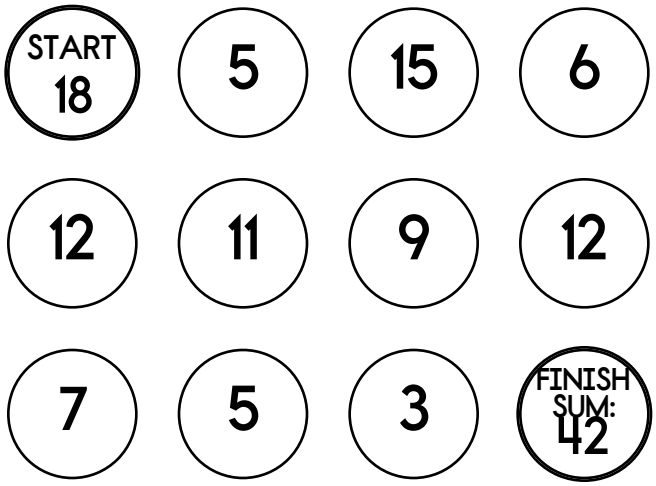
Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.



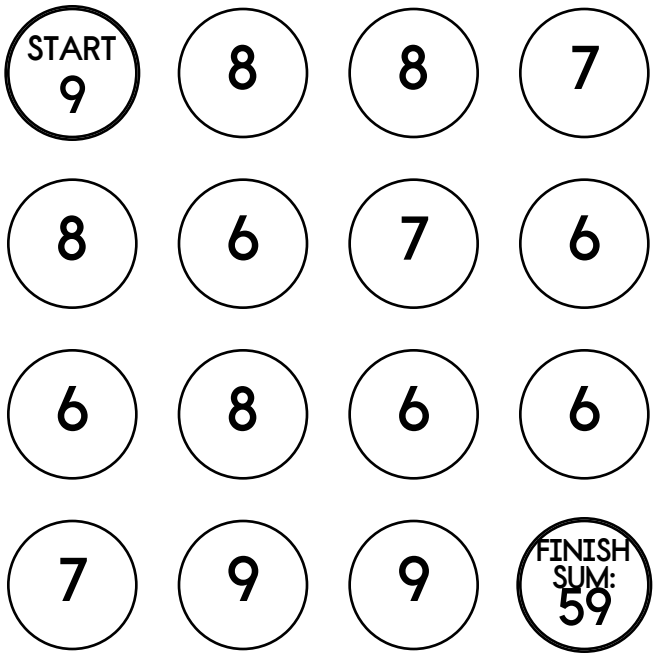
9 + 4 + 2 + 8 + 2 + 6 +

3 + 5 + 7 + 7 = 53



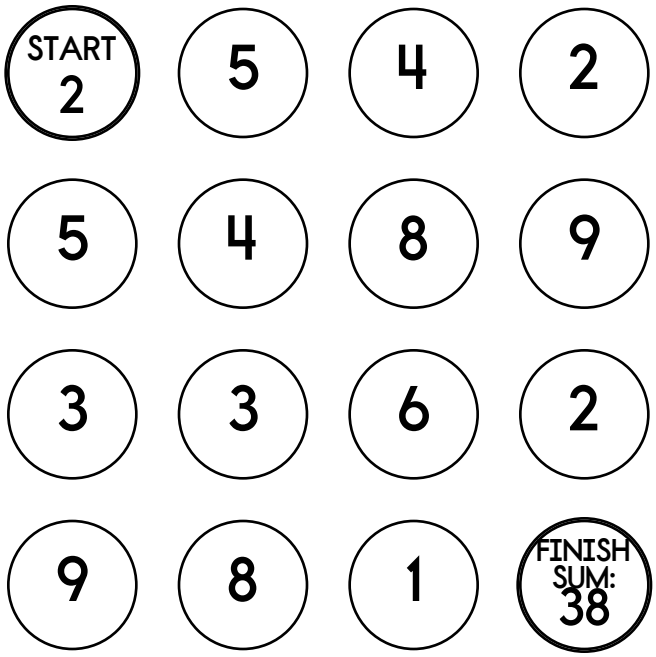
18 + 5 + _____ + _____ + _____ =

42



9 + 8 + 6 + ___ + ___ + ___ +

___ + ___ = 59



Did you find a path? Write the equation.

Name: _____

Fill in the missing addition and subtraction operations.

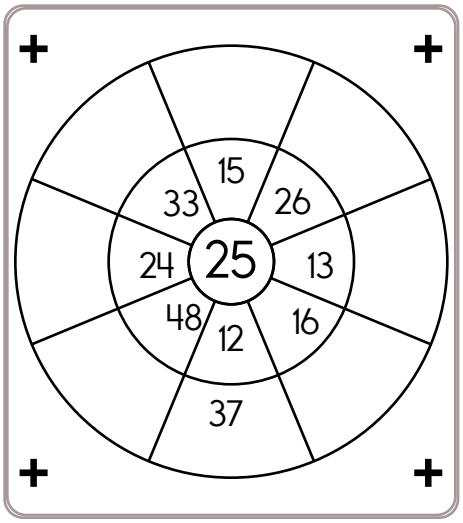
18 _____ 12 _____ 7 = 23
16 _____ 11 _____ 5 = 0
10 _____ 8 _____ 11 = 29
28 _____ 12 _____ 14 = 54

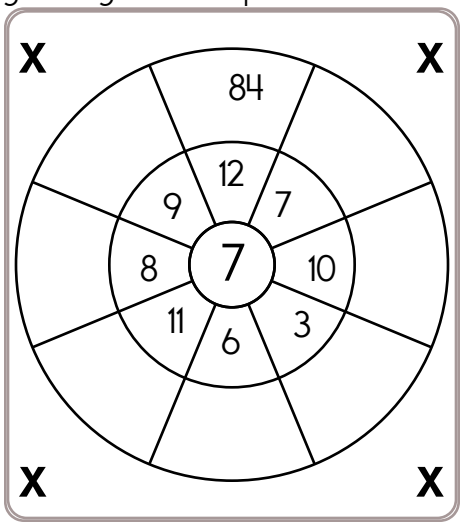
Complete. Some of these you may be able to complete using mental math.

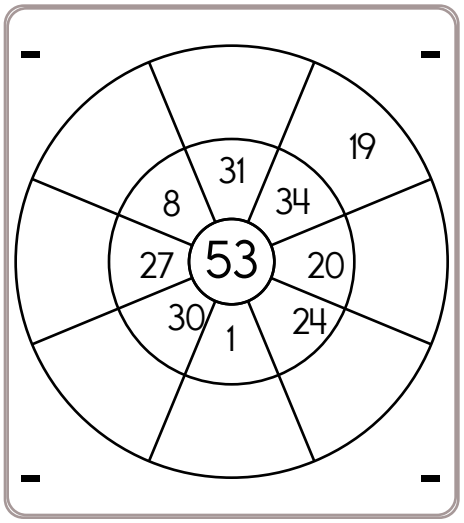
108 x 3 = 6 x _____
_____ x 9 = 18 x 135
_____ x 8 = 16 x 160
224 x 7 = 14 x _____
124 x 4 = 8 x _____
_____ x 6 = 12 x 114

Name: _____

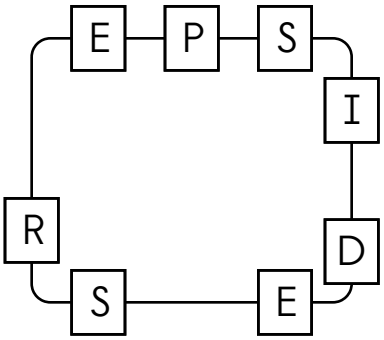
Start with the number in the center and then either add, subtract, or multiply.
Look at the given sign in each puzzle to decide what to do.







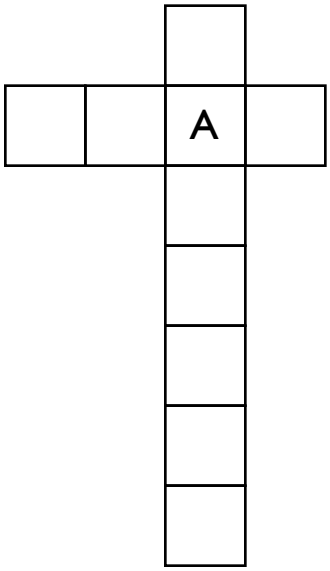
Write the hidden word. Start at one letter and then move either left or right.



_____

296 - 157	271 + 309

Use each of the letters to fill in the grid.
Write two words.



D R G
G G A
E B R

Circle the interjection. Explain its function in the sentence.

Eek! A mouse just ran under the bookcase in the corner!

_____

Name: _____

29 km = _____ m

Write 7,658 in words.

_____

Write a letter that has a line of symmetry.

_____

$$\begin{array}{r} 44 \\ -\ 30 \\ \hline \end{array}$$

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

24 ÷ 4 =

Circle the addition property for 22 + 104 = 104 + 22.

associative property

commutative property

How many ounces are in 2 pounds?

_____ ounces

108 ÷ 9 =

The circus is in town! Tickets are only $4 for kids. Adults need to pay double the price of kids tickets. Rose is bringing two of her friends in her class. Her mom is also coming. Rose wants to pay for everyone. How much will she need to pay?

$$\begin{array}{r} 36 \\ +\ 41 \\ \hline \end{array}$$

In the number 70,238,899,816, the digit 1 is in what place?

_____

Add the correct end punctuation for this sentence.

My mom likes to buy my school clothes on sale

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:

5	4

6					5
				4	1
2		3			
	5				
4				3	
		2			

If you multiply 393 x 303, you will have a number that is how much bigger than 131 x 303?

It will be four times as big.
It will be nine times as big.
It will be three times as big.
It will be twice as big.
It will be eight times as big.
It will be five times as big.

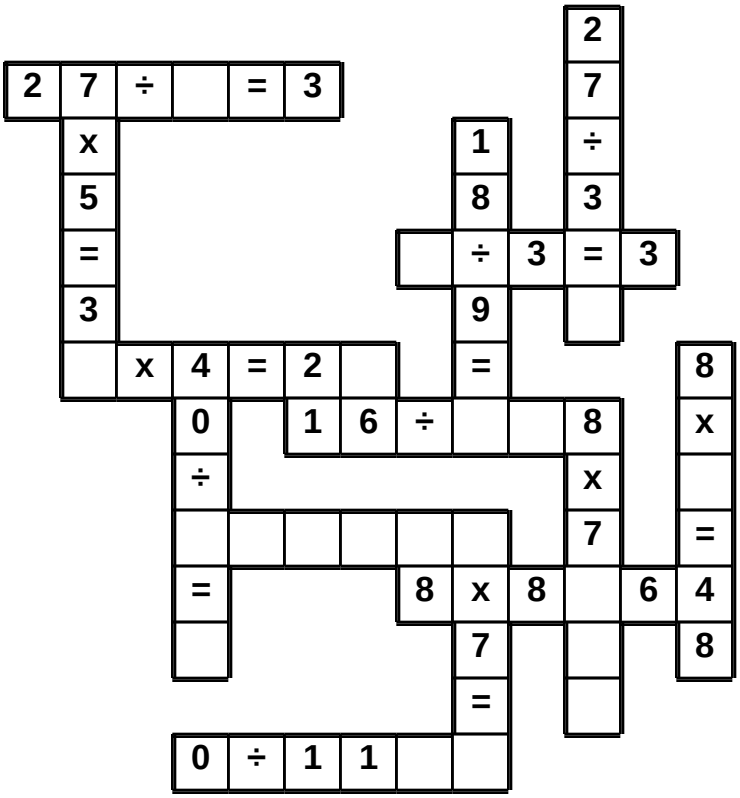
1 lb = 16 oz

15 lb = _____ oz

Name: _____

9 • 9 • 9 • 5 • 0 • 2 • = • 6 • 5 • x • 6 • = • 3 • 0 • = • 8
5 • 6 • = • 0

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.

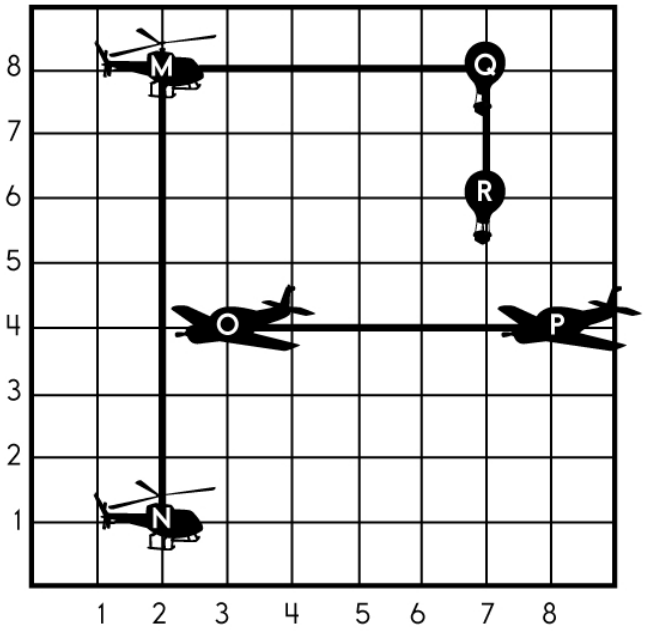
Make a Word								Sum
	1	2	4	6	12	18		
L	A	B	E	L	S			13
	1	2	4	8				
H	O							
	1	2	4	6	10	14		
B	E							

Make a Word								Sum
1	2		4	6	8	12	16	
		I						
		1	2	4				
T	A							
1		2	4	6	8	12	18	
	H							

word root **im** can mean **into or in** **immobility, impose, imposition**

Name: _____

Lengths on Coordinate Planes

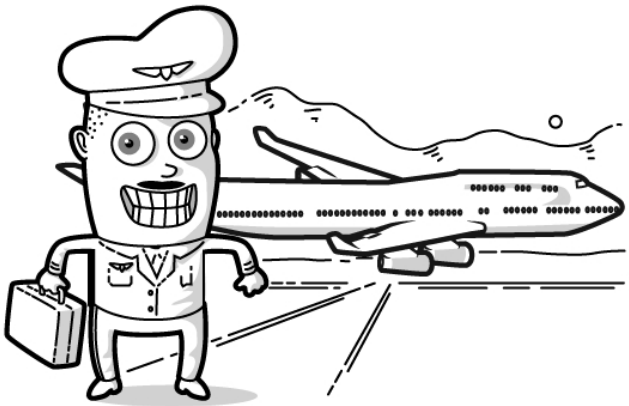


$\overline{QR}$ is 2 units long.

$\overline{MN}$ is _____ units long.

$\overline{OP}$ is _____ units long.

$\overline{MQ}$ is _____ units long.



Plot and label the points then find the length.

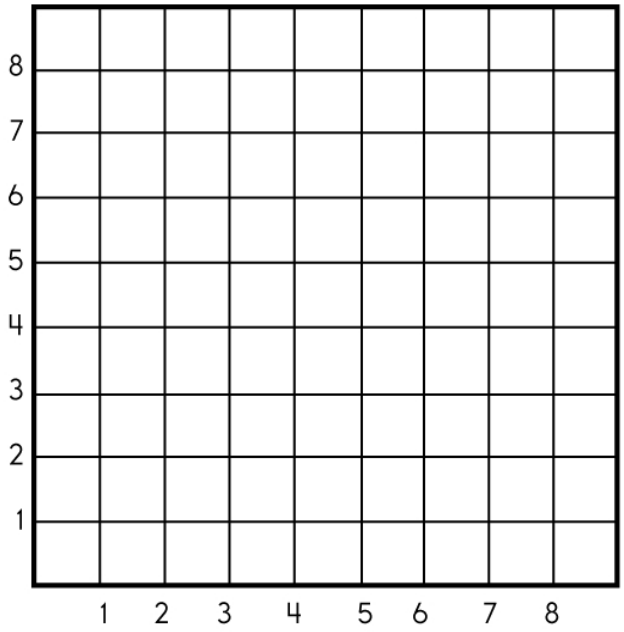
S(3, 8)_____ U(8, 6)_____

T(3, 6)_____ V(8, 1) _____

$\overline{ST}$ is _____ units long.

$\overline{TU}$ is _____ units long.

$\overline{UV}$ is _____ units long.



Name: _____

Puzzle:

	6			24
		6	6	23
				14
6				24
19	24	18	24	+

Work Area:

	6			24
		6	6	23
				14
6				24
19	24	18	24	+

The sum for each column and row is given.

 = _____

 = _____

 = _____

 = _____

Is the greatest common factor of 10 and 12 smaller, equal to, or greater than the least common multiple of 10 and 12?

____ + 10 = 25

What is the missing number?

x + 6 = 19

What is the value of x?

What is the greatest common factor of 10 and 14?

Circle the greatest number:

4,981 2,834,176

590,572 6,038,659,421

Add a comma to separate the introductory element from the rest of the sentence.

Whistling loudly my brother ran up the front steps to the house.

Name: _____

Write all the factors for the number 14.

9 - ___ = 3

What is the missing number?

7 - x = 3

What is the value of x?

What is the least common multiple of 12 and 6?

What is the least common multiple of 12 and 16?

x + 38 = 49

What is the greatest common factor of 8, 16, and 44?

What is the least common multiple of 6 and 8?

13 - y = 6

What is the least common multiple of 8 and 15?

Write as a decimal.

$8\frac{9}{10}$

Write as a decimal.

$\frac{6}{10}$

Write the decimal in words.
0.019

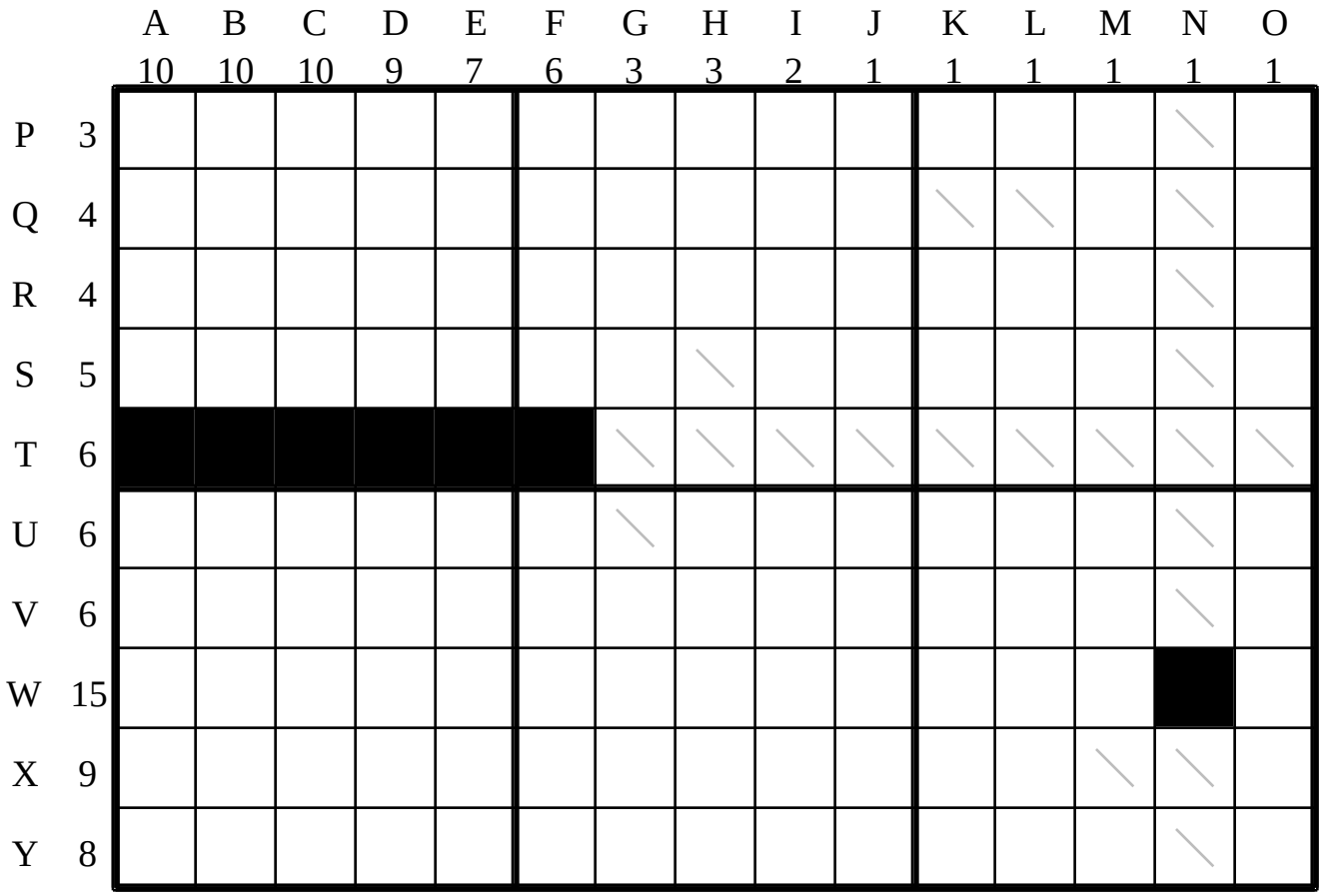
Name: _____

What is the greatest common factor of 8 and 16?	What is the greatest common factor of 8 and 12?	What is the greatest common factor of 9 and 15?
What is the greatest common factor of 15 and 10?	What is the greatest common factor of 18 and 12?	Write all the factors for the number 32.
What is the greatest common factor of 7 and 18?	Write all the factors for the number 48.	Write all the factors for the number 45.
What is the greatest common factor of 27 and 18?	What is the greatest common factor of 4 and 8?	What is the greatest common factor of 3 and 16?

Name: _____

Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!



CLUE A: Color in all the boxes in this column.
CLUE B: Color in all the boxes in this column.
CLUE C: Color in all the boxes in this column.
CLUE D: Color in 9 consecutive boxes.
CLUE E: Color in 7 consecutive boxes.
CLUE F: Color in 6 consecutive boxes.
CLUE G: Color in 3 consecutive boxes.
CLUE H: Color in 3 consecutive boxes.
CLUE I: Color in 2 consecutive boxes.
CLUE J: Color in 1 box.
CLUE K: Color in 1 box.
CLUE L: Color in 1 box.
CLUE M: Color in 1 box.
CLUE N: Color in 1 box.
CLUE O: Color in 1 box.

CLUE P: Color in 3 consecutive boxes.
CLUE Q: Color in 4 consecutive boxes.
CLUE R: Color in 4 consecutive boxes.
CLUE S: Color in 5 consecutive boxes.
CLUE T: Color in 6 consecutive boxes.
CLUE U: Color in 6 consecutive boxes.
CLUE V: Color in 6 consecutive boxes.
CLUE W: Color in 15 consecutive boxes.
CLUE X: Color in 9 consecutive boxes.
CLUE Y: Color in 8 consecutive boxes.

Don't forget to double check when you are done!

Name: _____

Four students (Alexander, Brian, Morgan, and Hunter) at a school have each been assigned a different id number (36,825,866, 3,761, 35,287, and 5,932). Each of the students is in a different grade (seventh, first, third, and fifth).

Figure out the id number and grade level for each student.

1. The student in the first grade has an ID number equal to 2 + 30 + 5,000 + 900.
2. The ten thousands digit in 51,704,928 is five less than the grade that Hunter is in.
3. The tens digit in Hunter's ID number is six more than the hundreds digit.
4. Morgan's number is one hundred more than three thousand, six hundred sixty-one.
5. The student in the seventh grade has an ID number equal to 60 + 800,000 + 800 + 20,000 + 30,000,000 + 5,000 + 6,000,000 + 6.
6. The largest place value in Alexander's ID number is the hundred millions digit.

Alexander has an ID number of _____ and is in the _____ grade.

Brian has an ID number of _____ and is in the _____ grade.

Morgan has an ID number of _____ and is in the _____ grade.

Hunter has an ID number of _____ and is in the _____ grade.

5 x 12 =	Which is the smallest? 82.4 ÷ 9.6 82.4 ÷ 9.5 82.4 ÷ 9.4	4 x 5 =
3 x 7 =		

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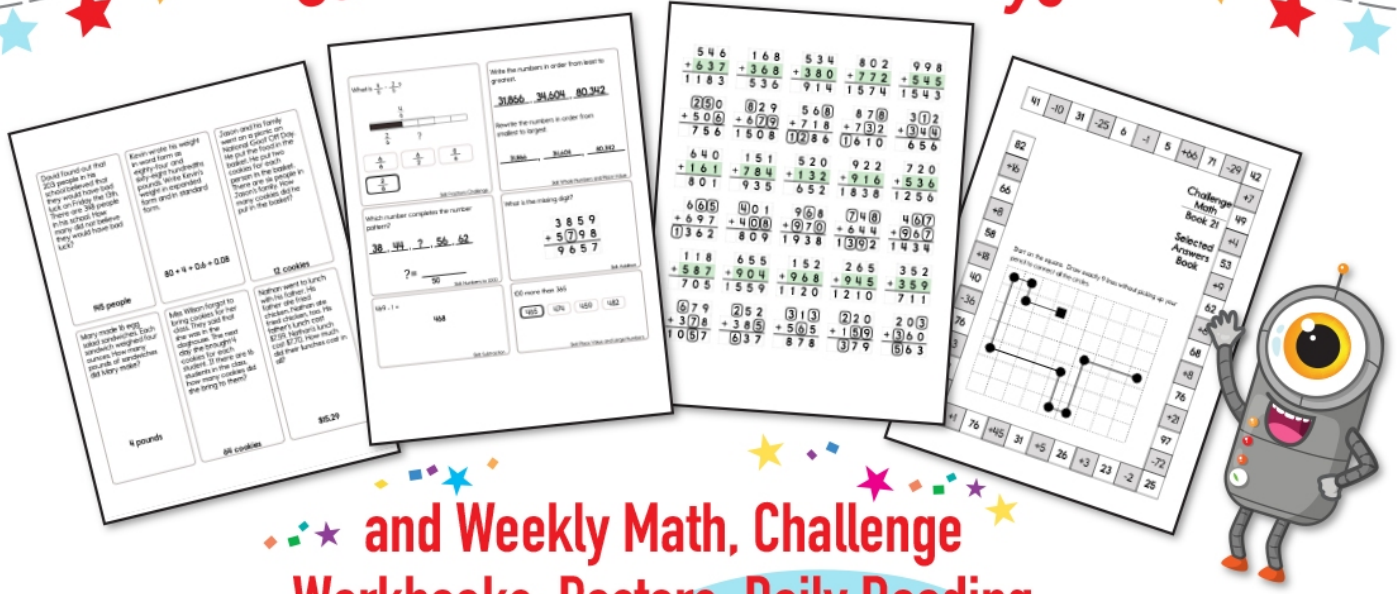

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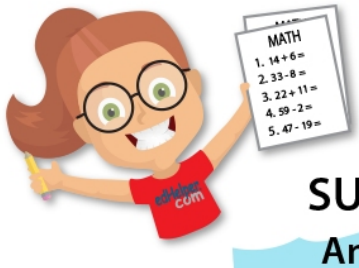

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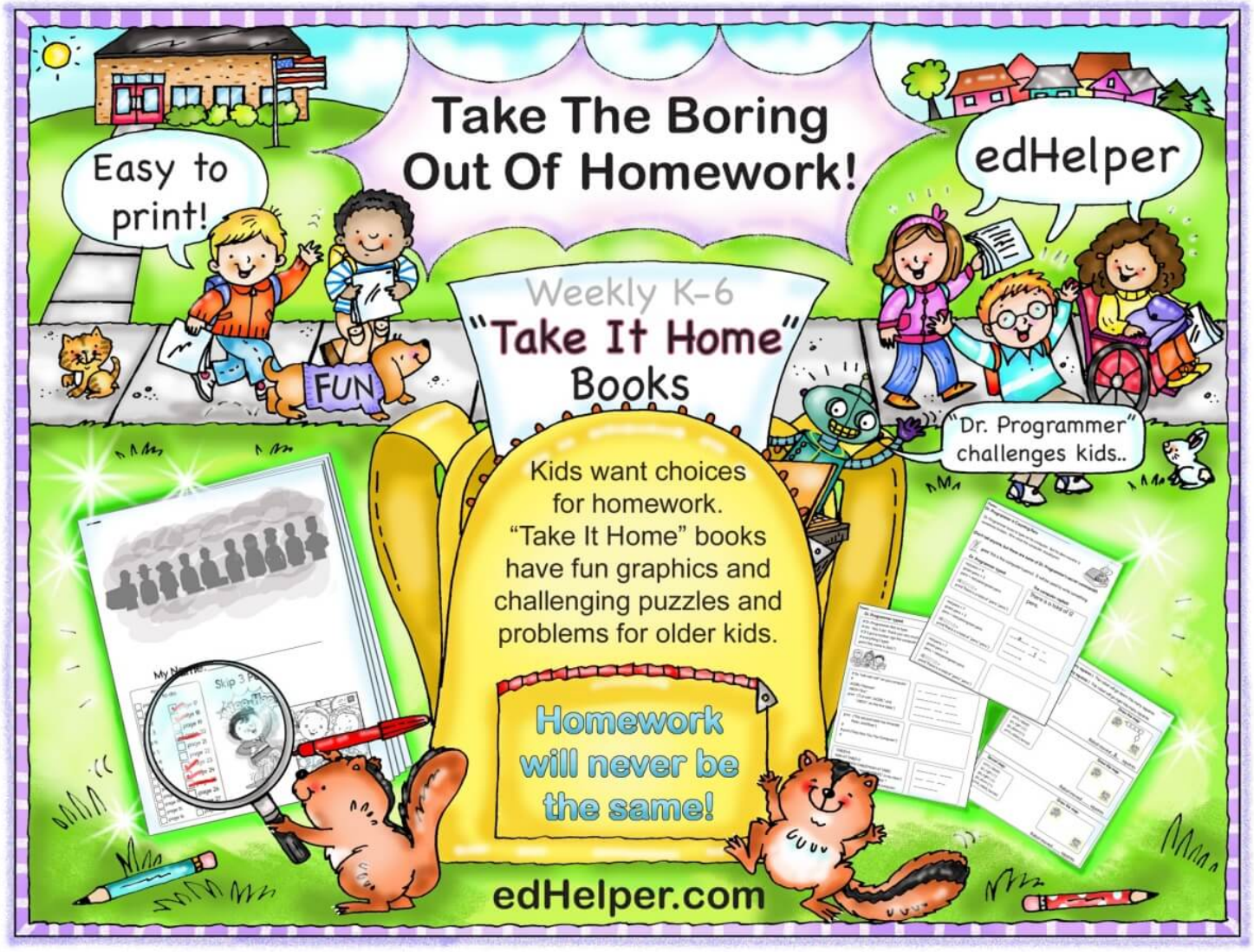
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