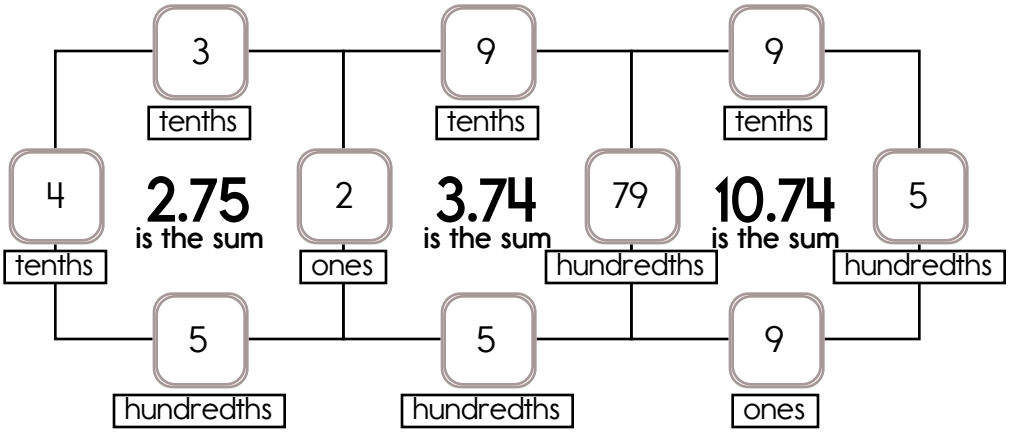
Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:
0.4 + 2 + 0.3 + 0.05 = 2.75

Example:
0.79 + 0.05 + 0.9 + 9 = 10.74

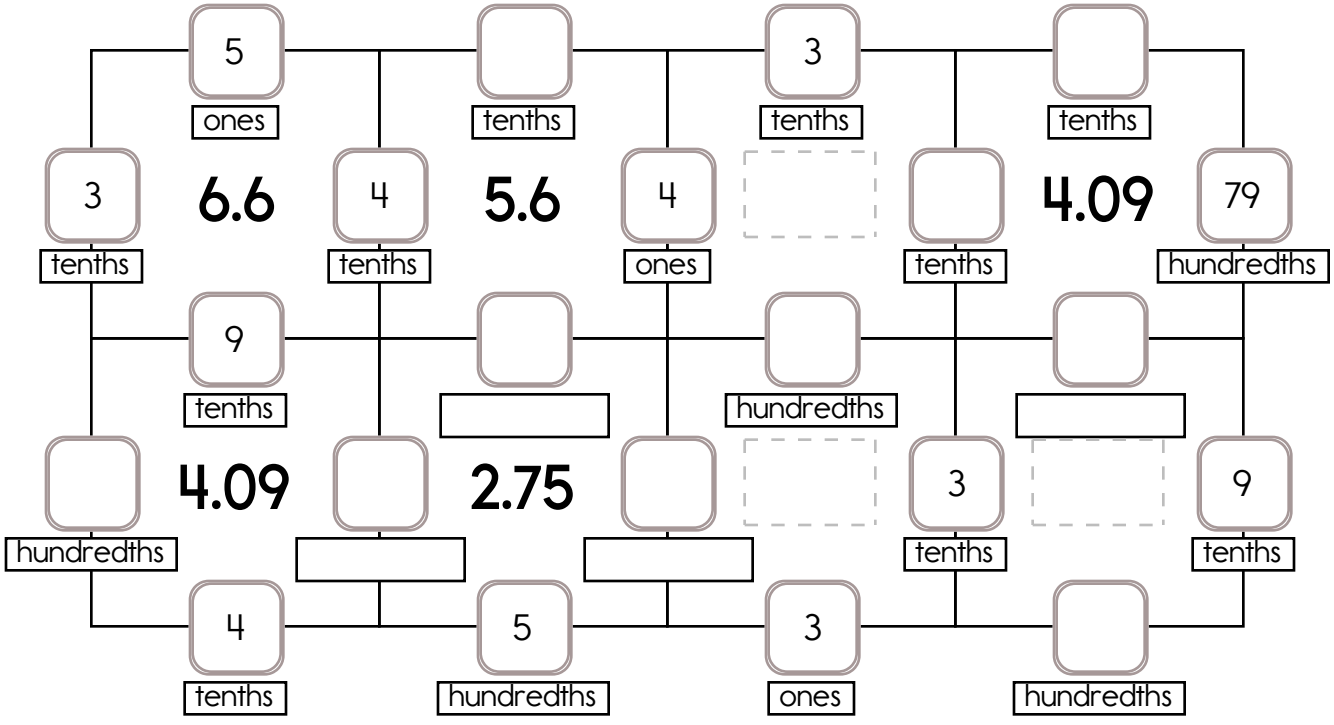
Sample:



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: 2 ones, 5 ones, 3 ones, 4 ones, or 9 ones.

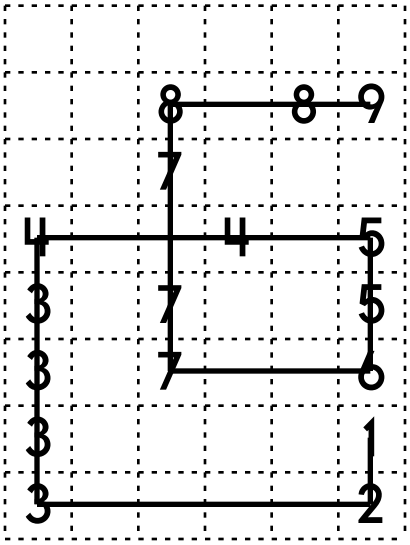
The other three numbers have to all be DIFFERENT and must be from these: 4 tenths, 9 tenths, 79 hundredths, 5 hundredths, or 3 tenths.



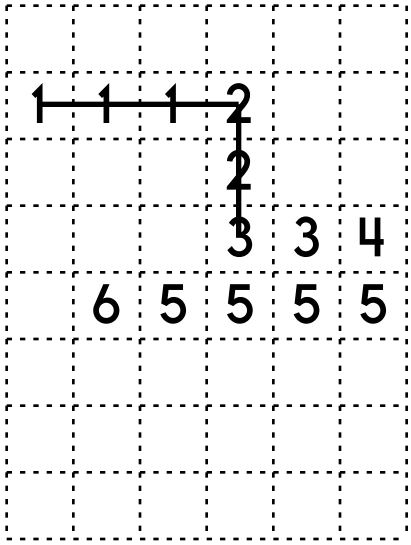
Name: _____

Can you draw lines to cover every number or shape in the picture?
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!
The first one is already done for you. Good luck.

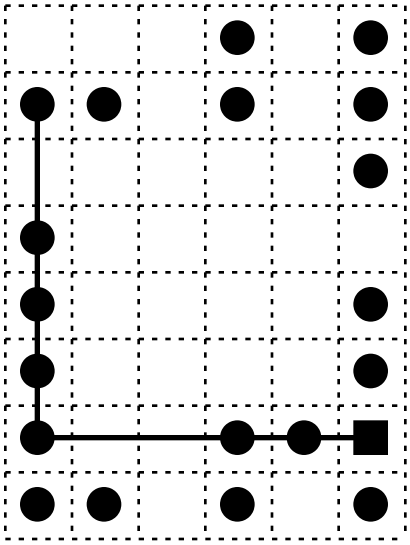
Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.



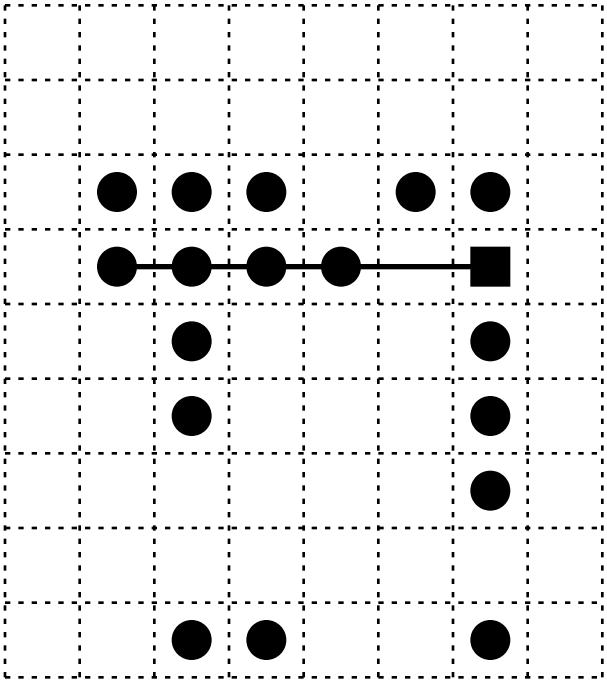
Draw exactly 5 lines.
Start on 1.
Do not pick up your pencil.



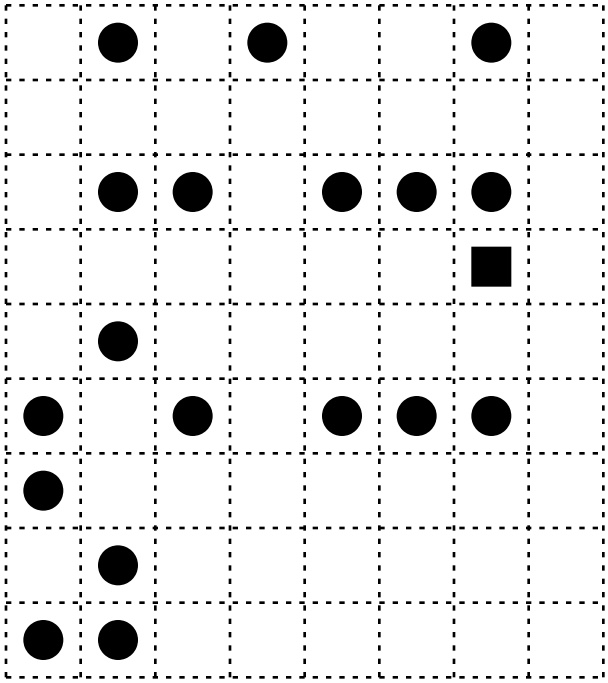
Draw exactly 7 lines.
Start on the square.
Do not pick up your pencil.



Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.



Draw exactly 8 lines.
Start on the square.
Do not pick up your pencil.



Name: _____

According to a recent survey, 6th graders listed five things for which they would have trouble forgiving their parents: moving to another city, 81%; embarrassing them in public, 72%; grounding them, 23%; taking away their telephone privileges, and trying to choose their friends, 82%. Express these figures in a simple bar graph.

Jenna 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 30 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 2:19 p.m. and it takes her 24 minutes to make all the dough into pretzel shapes. What time will the pretzels be finished baking?

The area of a square is 11.56 square inches. What is its perimeter?

Rewrite $\frac{8}{25}$ as a decimal.

If a = 3 and b = 8,
then
4a + b =

5 + 8 x 6 + 11

Name: _____

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

A

76	**4**	54
57	31	52
36	44	**55**
66	92	**51**

Find an addition fact.

B

57	87	65
26	52	42
17	49	21
93	15	24

Find an addition fact.

C

37	54	93
70	98	79
76	13	53
7	97	77

Find an addition fact.

Equations:

Write the equation facts you found.

A	4	+	51	=	55
B		+		=	57
C	70	+		=	

In the number 4,927,684, the digit 9 is in what place?

_____

How many millimeters are in 3 centimeters?

_____ millimeters

Rewrite these in increasing order of length:

529 m, 529 mm, 633 km, 6 dm

$$\begin{array}{r} 461 \\ +\ 232 \\ \hline \end{array}$$

72 ÷ 8 = _____

10 x 11 = _____

17 lb = _____ oz

$$\begin{array}{r} 91 \\ -\ 58 \\ \hline \end{array}$$

Name: _____

Ava arranged 12 packages of Jell-O into a "T" shape 7 boxes high and 5 boxes wide. Each box measures 4 inches by $2\frac{1}{2}$ inches. What is the total surface area of the "T" shape?

Mr. Anderson likes to buy vegetables and fruit from roadside stands. Yesterday he bought 3.3 pounds of apples at $1.21 per pound, 2.4 pounds of grapes at $1.54 per pound, and 6.8 pounds of red potatoes at $0.80 per pound. He paid for his purchases with a $50-bill. How much change did he get?

Justin is keeping track of the number of grams of fat he eats. He wants to get in shape to run the 220-yard dash. On Tuesday he ate 10 grams of fat at breakfast, 12 grams of fat at lunch, and 9 grams of fat at dinner. How many milligrams of fat did he eat?

(9 + 8) + 9 =

848 - 679 = _____

Holly cannot open her locker. She knows that the four numbers are: 33, 13, 9, and 12, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.

5 x 10 =

$$\begin{array}{r} 30 \\ +\ 39 \\ \hline \end{array}$$

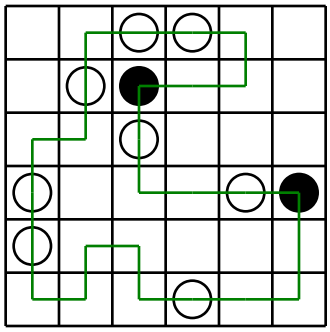
$$\begin{array}{r} 816 \\ -\ 539 \\ \hline \end{array}$$

12 ÷ 4 = _____

3 x 11 =

90 ÷ 9 =

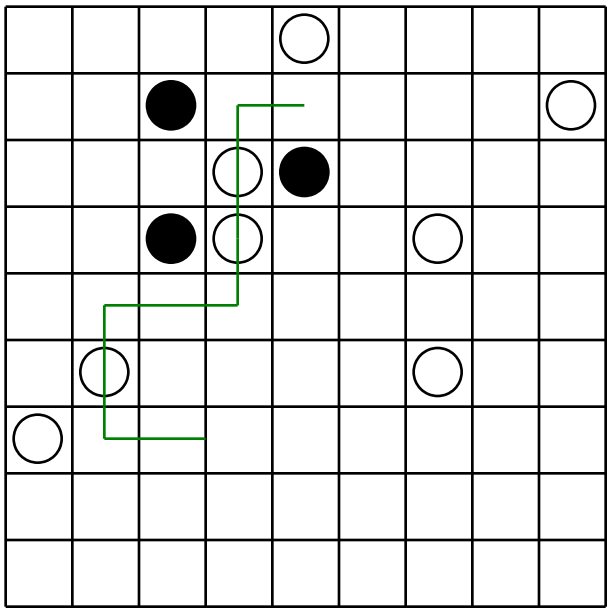
Name: _____



Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



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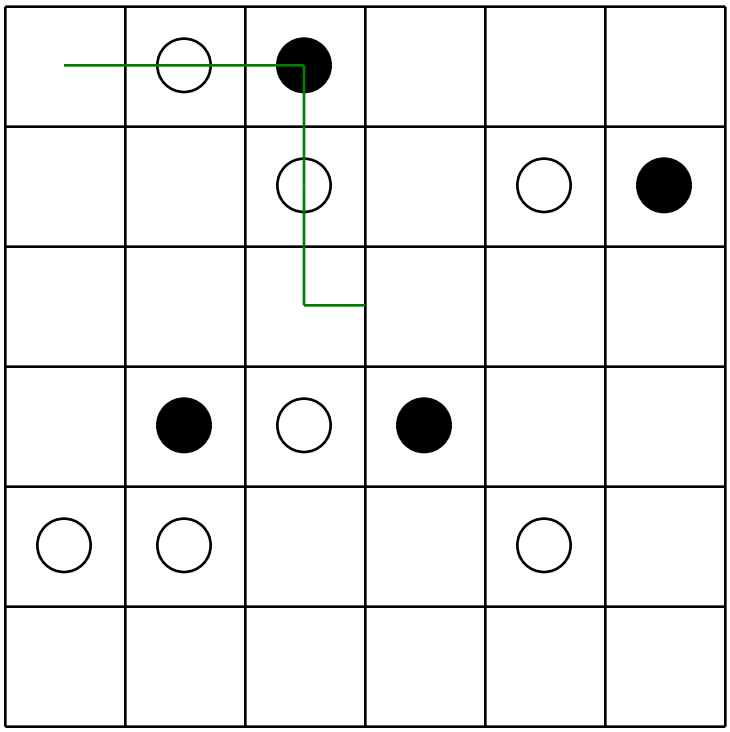


1 cm = 10 mm

23 cm = _____ mm

Write 849,972 in words.

_____

Holly is younger than Sarah. Rose is older than Sarah. Who's the oldest?

What time is 14 hours after 1:00 p.m.?

_____

10 x 11 = _____

Circle the greatest number:

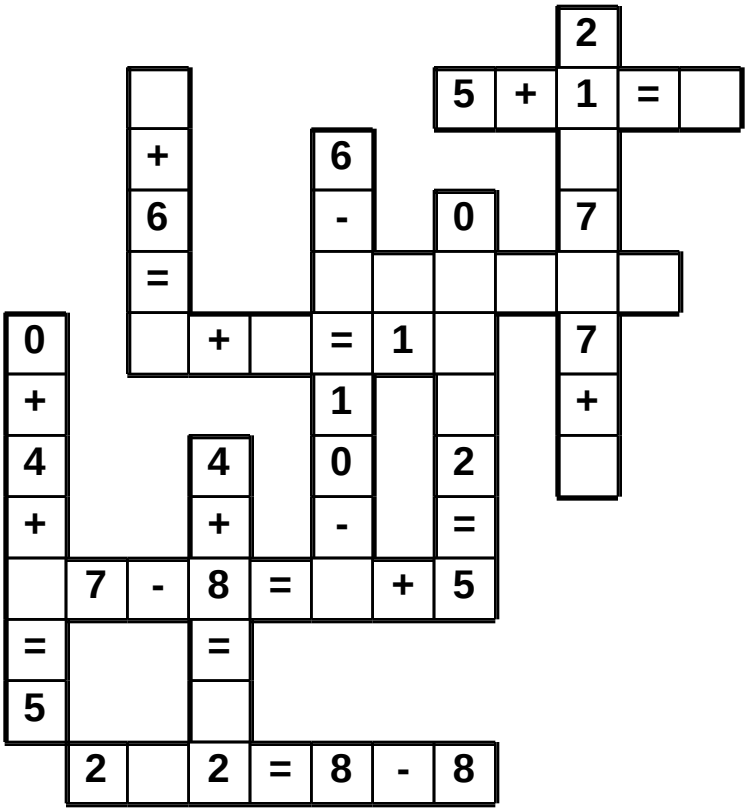
5,147	693,280,187
42,586	6,529,403

5 x 10 = _____

Name: _____

0 • 6 • - • 0 • 7 • + • 0 • = • 7 • 6 • 7 • 3 • + • 7 • 1 • 4 • 1
-

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



41,743 + 48,491 = _____

How many dimes make $1.50?

Write the missing family fact.

96 ÷ 16 = 6
16 x 6 = 96
6 x 16 = 96

_____

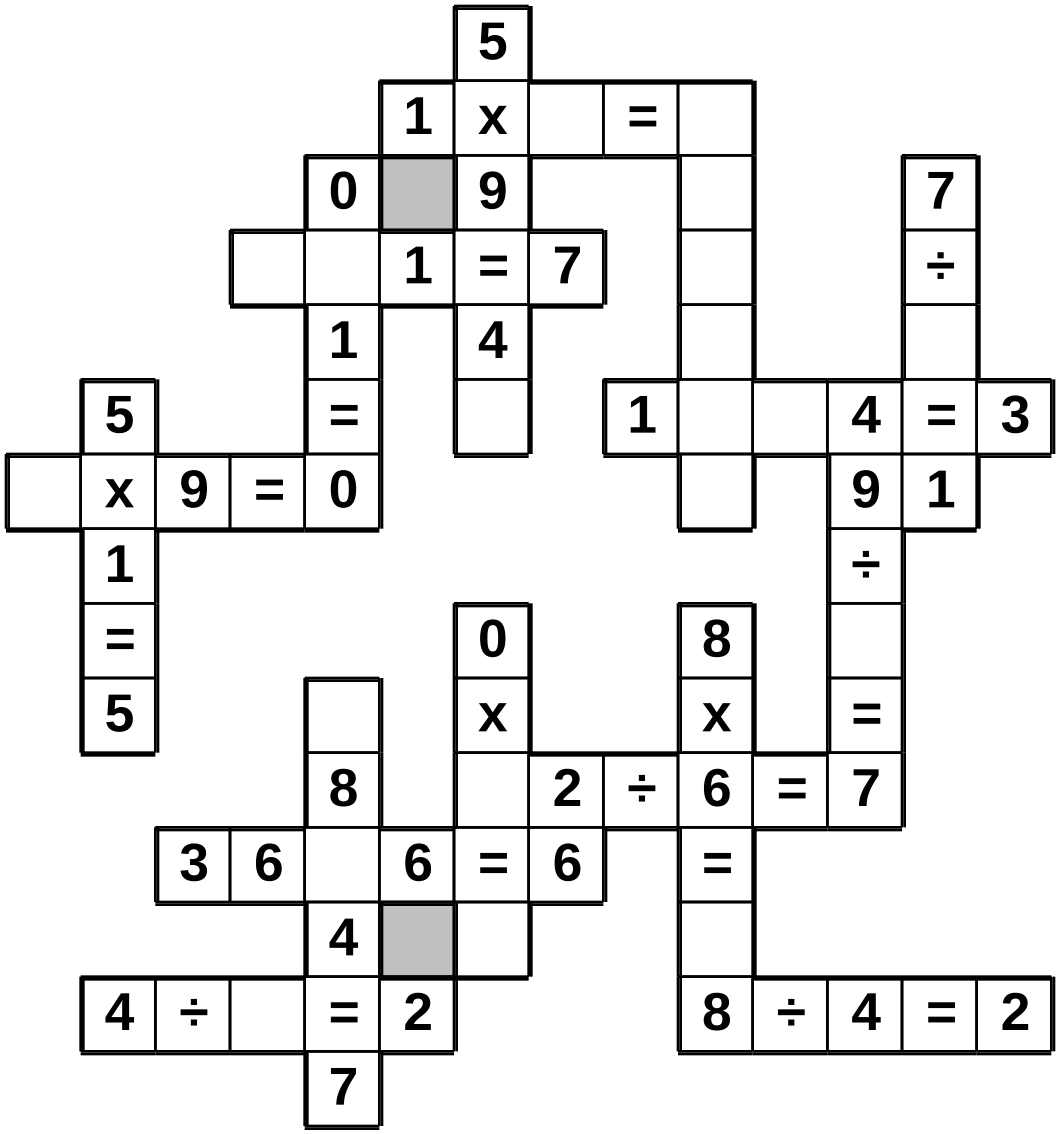
25 ÷ 5 = _____

word root **diplo** can mean **double** **diplomacy**

Name: _____

3 • 3 • x • 7 • ÷ • 8 • = • 7 • 5 • 2 • ÷ • 0 • 4 • 7 • 2 • 4 ÷ • 0 • 4 • 2

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



10 x 10 = _____

7,167 + 9,818 = _____

3,231 + 8,521 = _____

The letters D and M each have a line of symmetry. Name another letter between D and M that has a line of symmetry.

_____

Name: _____

Brian, Kyle, Nicole, and Jasmine each went to the grocery store and bought a number (7, 5, 4, and 9) of some type of plant (peas, bunches of celery, oranges, and heads of lettuce). They each only bought one type of plant, however they differed in how much they bought.

They carried the items that they bought to class.

What did each person bring to class?

1. Nicole said that her items come from the leaf of a plant.
2. Someone brought in four peas.
3. Kyle said that his items come from the stem of a plant.
4. Someone brought in five heads of lettuce.
5. Jasmine said that the edible part of her items are the seeds.
6. Jasmine brought in less than nine items.
7. Kyle brought in the most number of items.

Brian brought in _____ (how many) _____ (type of plant).

Kyle brought in _____ (how many) _____ (type of plant).

Nicole brought in _____ (how many) _____ (type of plant).

Jasmine brought in _____ (how many) _____ (type of plant).

99 ÷ 11 = _____

Here is a pattern of letters:

B M D D B M D D B . . .

What letter will be the 29th term in the pattern?

2 x 10 = _____

22 ÷ 2 = _____

Name: _____

10.03	20.8	7.9	0.07	4.6
x 7	x 9	x 5	x 2	x 3

3.74	8.31	2.37	9.45
x 5	x 6	x 7	x 8

6.24	5.75	7.73	1.71
x 9	x 4	x 3	x 6

Write an equation to represent this:

The difference between thirteen and eight is five.

_____

The boys in your class each were given a ticket with a number on it. The numbers given out were: 32, 7, 27, 28, 13, 11, 30, 14, 21, and 9. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?

word root **fess** can mean **acknowledge** **professor, confess**

Name: _____

Write the absolute value.

|-0| |-7| |2|

|24| |-29| |-27|

|436| |-550| |-369|

Complete each inequality using >, =, or <.

|-27| ◯ |-55| |31| ◯ |-73|

|-604| ◯ |-468| 82 ◯ |82|

|-983| ◯ -645 |969| ◯ |495|

-552 ◯ -718 |-240| ◯ |-886|

-405 ◯ |-320| |579| ◯ |-892|

x = |-55|

y = |-46|

x ◯ y 2x ◯ 3y

x + 8 = _____

It was five degrees Celsius in the morning, but by evening the temperature dropped eleven degrees. What was the temperature in the evening?

Write the smallest number.

-5, 419, |-430|, |578|, -639, 6, -700, |-744|, -1, |-803|, 491, |-439|, 860, 539

Write the largest number.

-960, |616|, 2, |-5|, 829, |452|, |-6|, -923, 358, -4, 468, -0, |979|, |309|

Write the smallest number.

-1, |-214|, |0|, -971, |3|, |908|, |701|, |5|, -335, |-327|, |-413|, -835, |2|, 515

Name: _____

Circle all of the numbers that are greater than 8.8.

$8\frac{3}{4}$ $\frac{43}{5}$ $\frac{49}{6}$ $\frac{119}{14}$

$\frac{33}{4}$ $\frac{22}{3}$ $8\frac{1}{2}$ $\frac{78}{9}$

$\frac{51}{6}$ $8\frac{1}{3}$ $\frac{20}{2}$ $\frac{44}{5}$

8.12 8.150 8.0140 8.014

Whenyoutakesomenumberandsubtract-60fromit, thedifferenceis92.Whatisthenumber?

Whatnumbermultipliedby-5resultsinaproductof-20?

Name: _____

What is the least common multiple for each of the number sets?

The least common multiple of 4 and 11 is _____

The least common multiple of 12 and 13 is _____

The least common multiple of 9 and 14 is _____

The least common multiple of 10 and 14 is _____

The least common multiple of 12 and 15 is _____

Gavin took a big bowl from the kitchen to see what kind of fun party mix he could create. He added $\frac{5}{8}$ cup of raisins, $2\frac{1}{3}$ cups of Cheerios, and $\frac{4}{7}$ cup of pretzels. How much food is now in the bowl?

Name: _____

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

A

92	91	90
14	42	18
35	66	87
43	79	2

+

Find an addition fact.

B

82	1	43
92	61	15
7	79	14
88	19	40

+

Find an addition fact.

C

3	86	29
48	75	67
90	47	13
74	64	31

+

Find an addition fact.

Equations:

Write the equation facts you found.

A		+		=	92
B		+		=	
C		+		=	

34,484 - 24,984 = _____

Fill in the missing operations to complete this equation:

30 ____ 15 ____ 19 = 21

60 ÷ 12 =

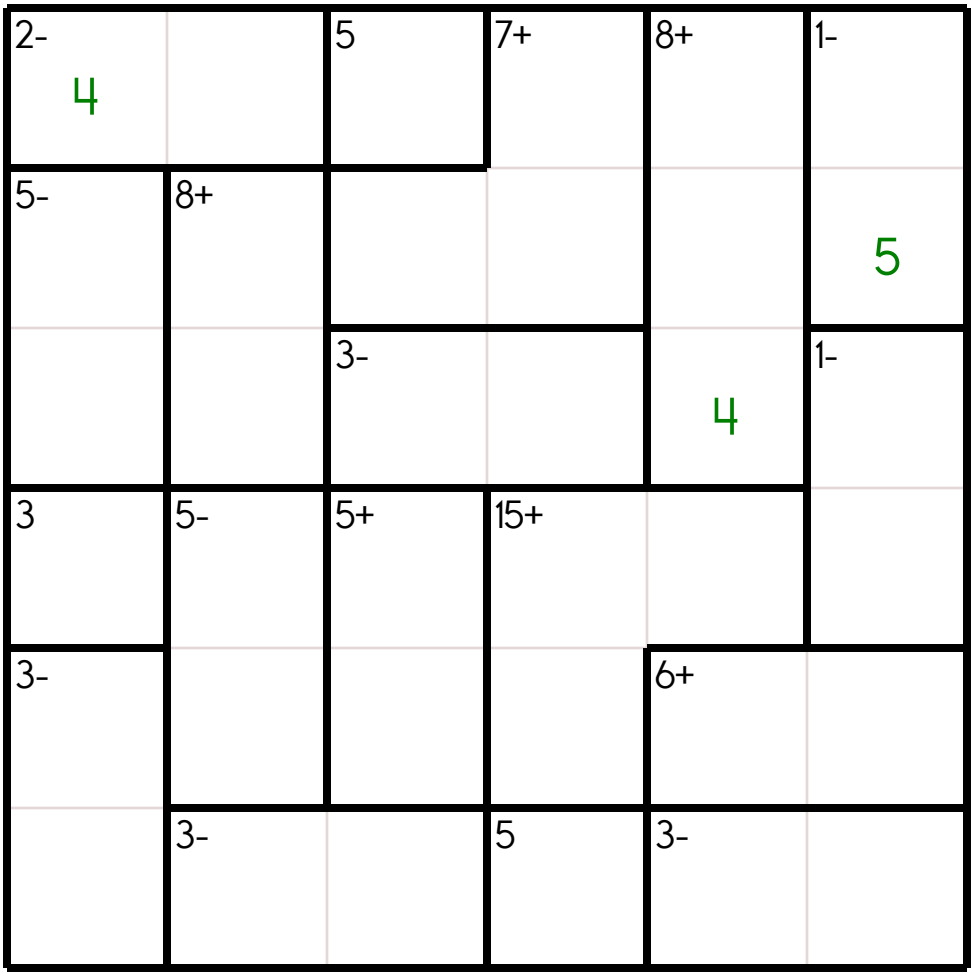
Holly makes a basket for every three attempts that she makes. Megan needs five attempts to make a basket. Each basket is worth 2 points. If they each make 60 attempts, then what is the score?

Name: _____

$\begin{array}{r} 847 \\ +\ 27 \\ \hline \end{array}$	$\begin{array}{r} 684{,}269 \\ -\ 94{,}809 \\ \hline \end{array}$	Subtract 167 from 351.
Reduce $\frac{6}{12}$ to its lowest terms.	Write the reciprocal. 6	$19 - \frac{2}{5} + \frac{1}{3} =$
Change 6% to a decimal.	Change $\frac{3}{10}$ to a percent.	Change $\frac{3}{12}$ to a decimal.
Change 0.48 to a percent.	Find 10% of 260.	Find 8% of 130.
57 is what percent of 95?	Change 12% to a decimal and a fraction expressed in its lowest terms.	14 is what percent of 28?

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.
Every row must contain the numbers 1, 2, 3, 4, 5, and 6.
Every column must contain the numbers 1, 2, 3, 4, 5, and 6.
In a cage with a plus sign, the given number will be the sum of all the digits in the cage.
In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.



Fill in the blanks. These equations are from the puzzle above.

____ + 3 = 5

3 + ____ = 8

6 - ____ = 5

____ + ____ + 4 = 8

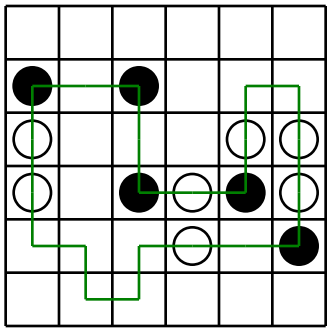
____ - 1 = 5

____ - 5 = 1

____ - 1 = 3

____ - 1 = 1

Name: _____



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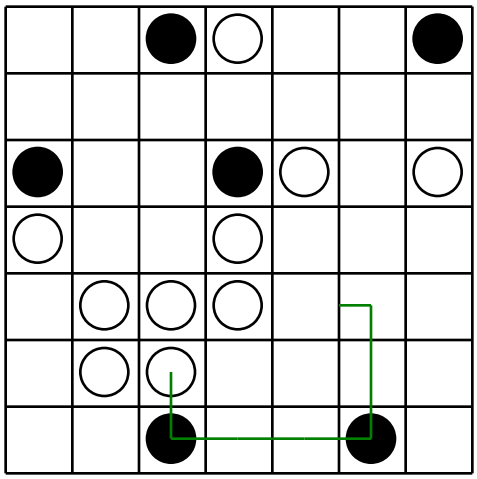

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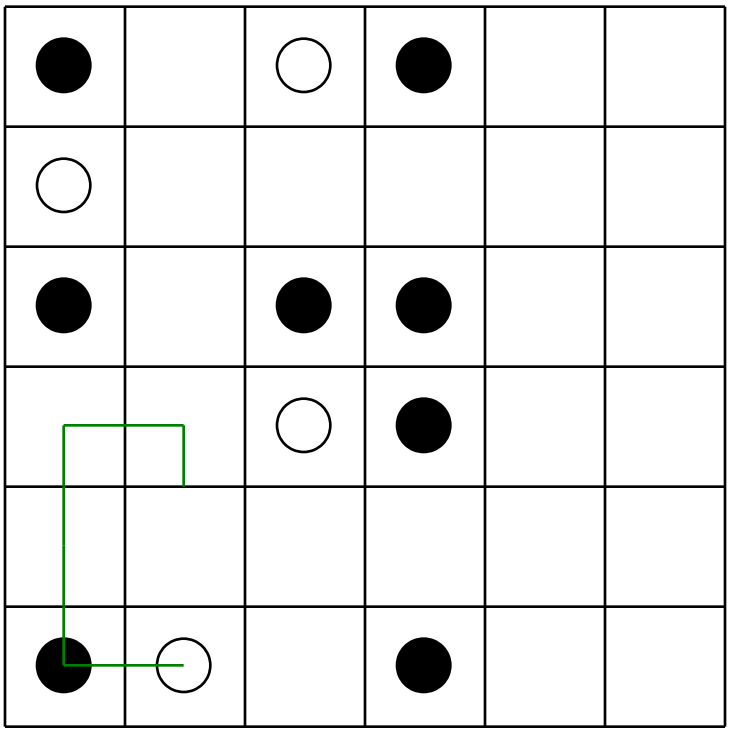

Write this as a number in standard form.
Use a comma in your number.

one hundred sixty-seven thousand, two hundred sixty-three

_____

4 ÷ 2 = _____

35 ÷ 5 = _____

11 x 4 =

For 99,342,406,833, write the digit that is in the hundred thousands place.

_____

60 ÷ 10 = _____

45 ÷ 9 = _____


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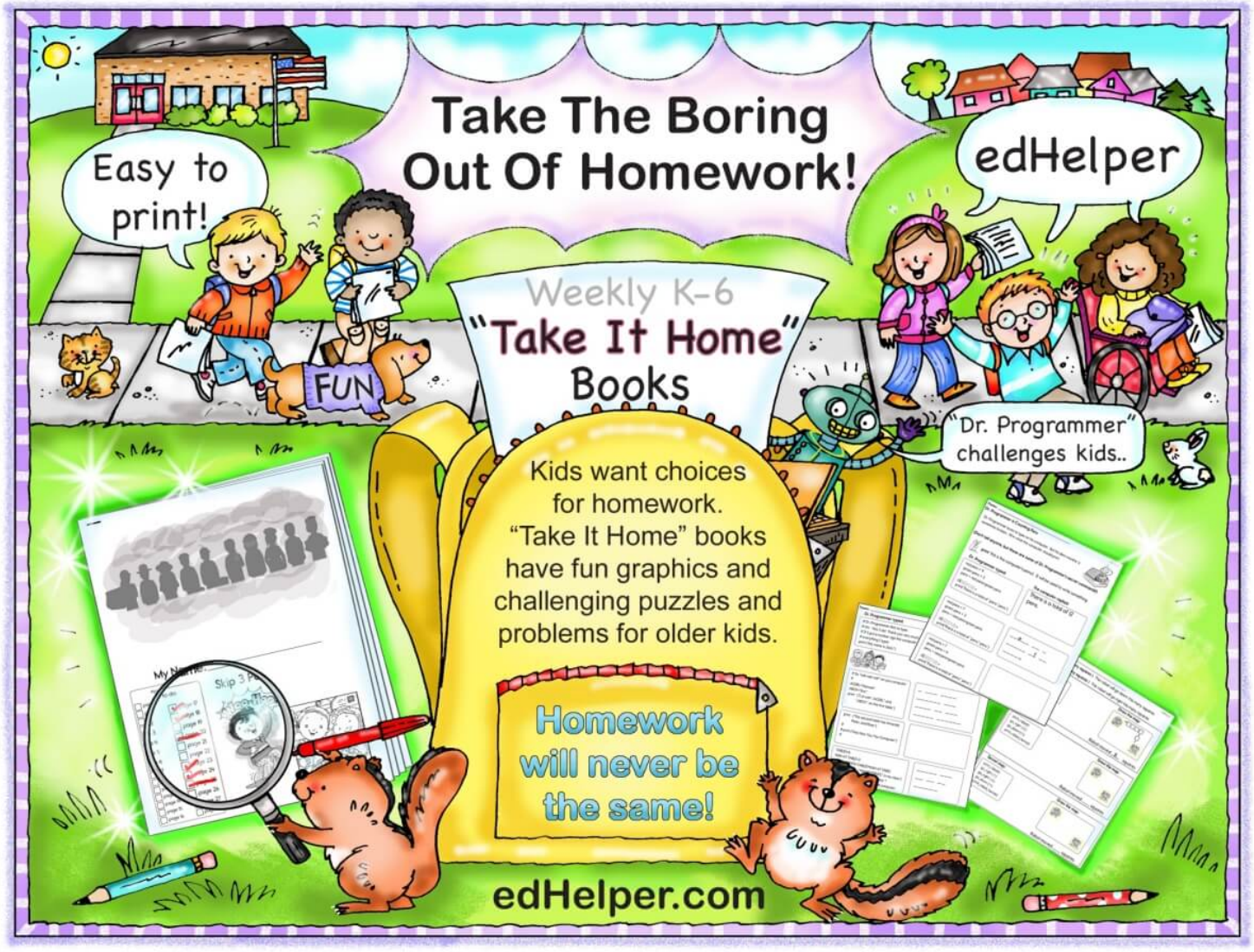
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