Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math = Do it in your head!

imagine 6 in your head	imagine 2 in your head	imagine 6 in your head	imagine 8 in your head
add 1	add 6	double it	add 5
double it	subtract 2	subtract 7	add 2
	double it	add 9	double it
	add 9		add 7
		Write the even digit in your answer.	Add the tens digit to the ones digit. Write the sum.
Write the tens digit.	Write the tens digit.		
____	____	____	____ ____
A	B	C	D E

What is the sum?

A + B + C + D + E

____

Wow! Great job! That's the answer, but do you know how to SPELL the number?

____ ____ ____ h ____

7 before 15 _____	1 after 13 _____	2 before 11 _____
6 before 19 _____	2 after 16 _____	9 before 17 _____
3 before 14 _____	6 after 15 _____	1 before 16 _____
4 before 13 _____	5 after 17 _____	5 before 12 _____

Name: _____

12 + y = 20	10 + y = 17	What is the least common multiple of 5 and 11?
-10 ÷ -2 =	-10 - -3 =	-7 + 5 =

$\begin{array}{r} 90 \\ \times\ 15 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \times\ \ \ 6 \\ \hline \end{array}$	$\begin{array}{r} 777 \\ \times\ \ \ \ 8 \\ \hline \end{array}$

58 + 84 =	Find the sum of 157 and 33.	$\begin{array}{r} 40,408 \\ -\ \ \ \ \ \ 56 \\ \hline \end{array}$

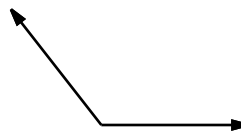|		
Sketch an acute angle named ∠FGH.	Sketch an obtuse angle named ∠CDE.	Sketch a right angle named ∠BCD.

Name: _____

What kind of angle is this?

What kind of angle is this?

On a number line, what is the number that is 5 spaces right of -1?

12 - 9 = ___

12 + -9 = ___

19 - 15 = ___

19 + -15 = ___

7n = 14

8m = 40

9m = 45

Change $\frac{3}{5}$ to a decimal.

$$\begin{array}{r} 3.5 \\ \times\ \ \ 6 \\ \hline \end{array}$$

$3\overline{)17.1}$

Write the reciprocal.

$\frac{2}{3}$

Write the reciprocal.
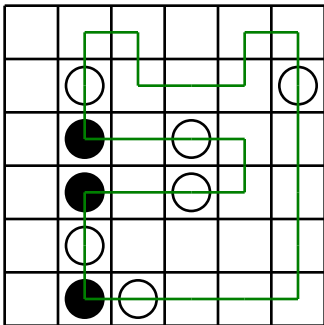
$\frac{3}{1}$

Write the reciprocal.

$\frac{12}{13}$

Name: _____

Erin started checking the batteries in the smoke alarms at 12:41 p.m. She finished checking them 30 minutes later. At what time did she finish checking the batteries?

Ms. Young bought a box of plastic wrap to wrap the popcorn balls she had made. The box contained $2\frac{1}{2}$ yards of wrap. She used $\frac{1}{2}$ of it to wrap the popcorn balls. How much wrap does she have left?

Hunter gave his little brother a book about cows. He read the book to him. He started reading at 2:28 p.m. and finished at 4:33 p.m. How long did it take Hunter to read the book?
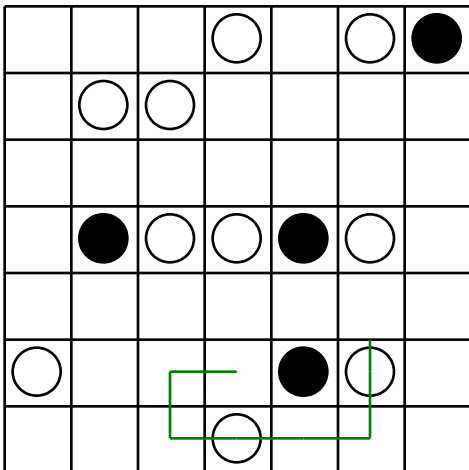
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
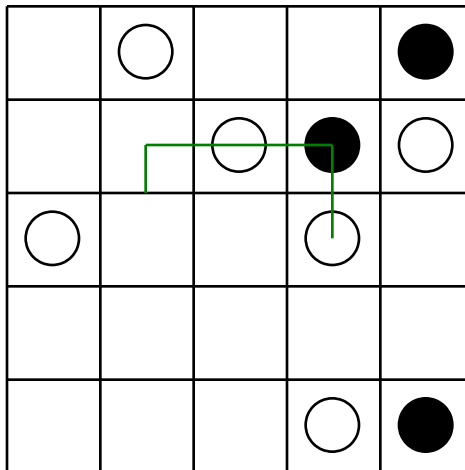You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

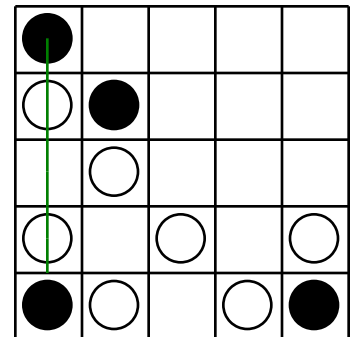The puzzle on the left shows a correct line going through all the circles.

Finish the line:

Finish the line:

Finish the line:

Name: _____

Circle the addition property for 26 + 92 = 92 + 26.

commutative property

associative property

16 kg = _____ g

The principal of your school wants to buy twenty-three books. Each book costs $6.03. She wants to estimate how much it will cost. Show her how you would estimate the cost:

```
   3 2
 + 3 6
```

List eight of the smallest whole numbers that are greater than 83, are multiples of 5, and are not multiples of 8.

10 x 6 =

```
   2 5 5
 + 3 4 5
```

1 lb = 16 oz

28 lb = _____ oz

Circle the greatest number:

34,569,735,048

35,014

798,265,314,980

6,278,210

Emily multiplied two one-digit numbers and then added 174. The result was 246. Erin does not believe her and thinks Emily made a mistake. Who is correct?

108 ÷ 12 =

```
   5 5 9
 - 3 3 3
```

```
   4 3
 - 2 5
```

Name: _____

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

18 ÷ 3 =

99 ÷ 9 =

_____ is 10 more than 67

_____ is 10 more than 49

_____ is 100 more than 202

_____ is 100 more than 394

_____ is 1,000 more than 6,384

_____ is 1,000 more than 4,542

_____ is 10,000 more than 13,030

_____ is 10,000 more than 55,279

_____ is 10,000 more than 20,784

_____ is 10,000 more than 81,666

4 x 10 =

7 x 6 =

How many kilograms are in 9,000 grams?
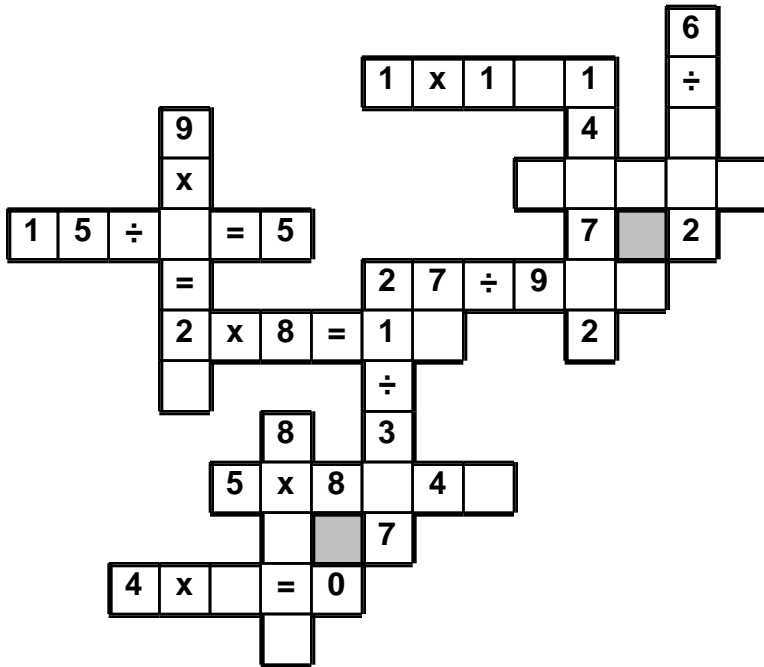
_____ kilograms

How many digits are in ten times ten times ten times ten?

_____

Circle the smallest number:

1,650,382,794   35,106,407,328

619,541,829,036   98,742

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

four hundred thirteen thousand, nine hundred thirty-four

_____

Write a letter that has two or more lines of symmetry.

_____

Name: _____

= • 3 • 4 • ÷ • 1 • = • 4 • 3 • = • 3 • 6 • 7 • = • 0 • 0 • 0 0

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

```
                                        6
                    1  x  1     1       ÷
          9                     4
          x
    1  5  ÷     =  5          7 ▓ 2
          =        2  7  ÷  9
          2  x  8  =  1          2
                    ÷
             8      3
          5  x  8      4
                ▓  7
       4  x     =  0
```

Megan wants to call Emily. Emily is on vacation in Asia. It is a time difference of nine hours. Emily's time is always later than Megan's time. If it is 11:52 A.M. where Megan lives, then what time is it where Emily is?

_____

Write an equation to represent this:

The sum of nine and seven is sixteen.

_____

Circle the digit in the hundredths place.

26.171

Circle the correctly spelled word.
lak, offen, seek

Insert a comma in the appropriate place in this sentence.
Yes it's a lovely afternoon outside!

Name: _____

Noah, Tyler, Joshua, and Emma each completed their homework. One took fifty-seven minutes, one took ninety-five minutes, one took fifty-six minutes, and one took seventy-six minutes to complete their homework.

How long did each person take to finish his or her homework?

1. Emma needed more time than Tyler to finish.

2. Joshua started on the assignment at 4:41 p.m. Joshua took a thirty-eight minute break at 5:26 p.m. to eat dinner. Joshua continued working after dinner and finished the assignment at 6:15 p.m.

3. Emma started working at 4:48. Noah started working fourteen minutes after Emma and finished at 5:59.

4. Joshua needed less than an hour to finish.

Noah took _____ to finish.

Tyler took _____ to finish.

Joshua took _____ to finish.

Emma took _____ to finish.

For 995,726,368,131,376, write the digit that is in the hundred thousands place.

_____

Can 610 be evenly divided by 3? Circle:

610 is evenly divisible by 3

610 is NOT evenly divisible by 3

Write 894,036 in words.

_____

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

F, I, G, L, H, O, I, R, J, U, K, ___

G, ___, H, K, I, N, J, Q, K, T

Complete each pattern, using the same rule. Write what the rule is.

6, 60, 65, 650, 655, 6550, 6555, _____, _____, _____

9, 90, 95, 950, 955, 9550, 9555, _____, _____, _____

8, _____, _____, _____, 855

Name: _____

Anne is making 3 batches of cheese popcorn and 2 batches of caramel popcorn. She needs $\frac{1}{3}$ of a cup of popcorn for each batch. How many cups of popcorn does she need?

Rosa is making a new dress for the Dance Like a Chicken Day party. She has 6 $\frac{1}{3}$ yards of fabric. She will use 2 $\frac{1}{4}$ yards for the skirt and $\frac{2}{3}$ yards for the top. How much fabric will be left over?

Mr. Thompson said that it would take approximately 103.19 hours for all the leaves to come off the tree. Round that number to the nearest tenth.

Name: _____

$$+ \qquad =$$

C	C	54
C	A	48
B	C	43

$$+ \qquad \qquad \qquad \qquad +$$

$$=$$

? **75**

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

C + A + C = 75   C + __ = 48   __ + __ = 43

__ + __ = 54

Additional hints:

A = B + 5   B < 19

Show Work:

Solve:

? = __