

Name: _____

Pick the correct answer using brain power. No writing.

0.3 x 0.4 is what? 0.12 or 0.0012 or 0.00012

0.12 x 0.6 is what? 7.2 or 0.0072 or 0.072

0.07 x 0.5 is what? 0.00035 or 0.000035 or 0.035

9.8 x 0.9 is what? 0.00882 or 882 or 8.82

$$5 - \frac{3}{4} + \frac{11}{12} =$$

$$16 + \frac{1}{2} - \frac{1}{2} =$$

$$6 - \frac{1}{2} - \frac{1}{3} =$$

$$8 \div \frac{1}{2}$$

Estimate quickly the difference.
7,310 - 1,920

How many minutes is it from 9:00 a.m. to 10:40 a.m.?

$$9 \times 3 = \underline{\hspace{2cm}}$$

$$22 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$$

Anna rolls a die. What is the chance of her rolling a 4?

Name: _____

Express $\frac{2}{3}$ as a repeating decimal.

$\frac{1}{16807}$, $\frac{1}{2401}$, $\frac{1}{343}$, $\frac{1}{49}$,
 $\frac{1}{7}$, (1), _____, (49)

Round 18,309 to the nearest thousand.

How much time is it from 7:00 a.m. to 11:45 a.m.?

Round 51,219 to the nearest hundred.

Pick the family fact that is missing.

$$16 \times 4 = 64$$

$$64 \div 4 = 16$$

$$4 \times 16 = 64$$

A toy car can go 3 mph. How long would it take to go 7.5 miles?

$$529 + 665 = \underline{\hspace{2cm}}$$

$$42 \div 7 = \underline{\hspace{2cm}}$$

$$1 \text{ km} = 1,000 \text{ m}$$

$$29 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

Name: _____

A weird new bowling game has been invented at the local bowling alley. Each player gets one roll of the ball. Before the roll, the pin machine places ten pins at the end of the alley, with each pin having an integer written on it. The pins are selected randomly and set in the normal arrangement of ten pins (4 in the back row, 3 in the next row, 2 in the next, and 1 in the front). Before rolling, the players look through binoculars to see what numbers are written on the pins. The players must knock down at least one pin or they automatically lose. After the roll, the player who knocked down pins resulting in the greatest integer sum wins. Player one knocked down pins with the numbers -7, 2, -5, -2, and -9. Player 2 knocked down pins with the numbers -1, 5, 0, -6, and -8. Which player won the roll?

According to the best records of the Civil War, 2,100,000 men served in the Union Army. Of that number, approximately twenty-four percent of the soldiers were immigrants. Approximately how many Union soldiers were immigrants?

What is 9% of 59?

Name: _____

Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

It was 9 degrees above zero in the morning. By afternoon the temperature rose 17 degrees. How warm was it?

$$2 + 8 + 8 - 8$$

It was 90 degrees outside. What would the temperature be if it got 28 degrees colder?

$$32 + n = 49$$

What is the value of n?

10, 12, 14, 16, 18, 20, _____,
24

The area of a rectangle is 30 cm². What could the length of the 4 sides be?

80, 85, _____, 95, 100,
105, 110, 115, 120

Circle the three numbers whose product equals 231.

5	9	11
7	3	5

$$(10 - 10) + 11 - 1 + 2$$

Rewrite $\frac{2}{5}$ as a decimal.

$$\frac{1}{30} \div \frac{2}{10} =$$

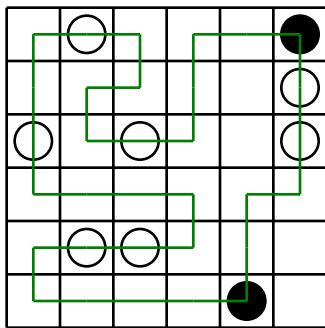
Rewrite $\frac{51}{100}$ as a decimal.

Simplify.

$$\frac{6}{12} =$$

$$0.1 (0.2 (0.1 + 7)) =$$

Name: _____

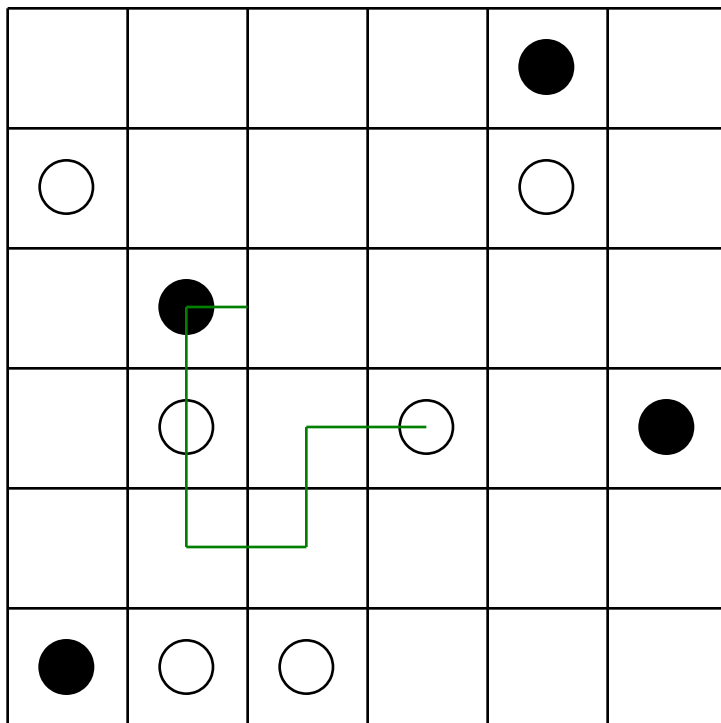


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

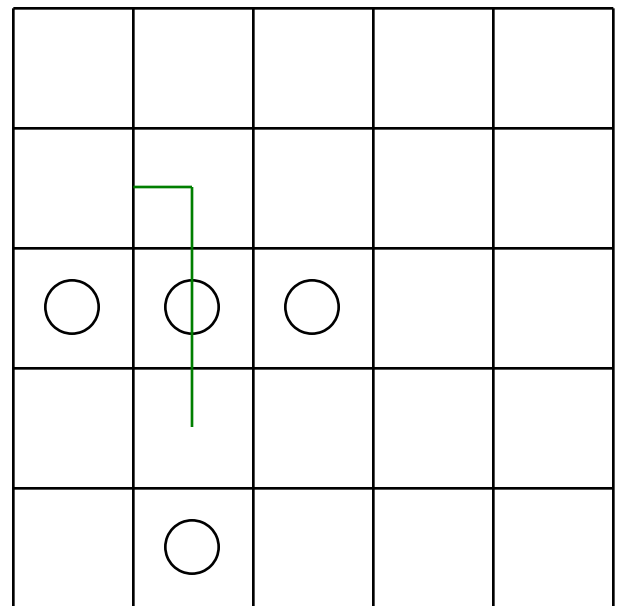
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



$$20 \div 2 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 46 \\ + 47 \\ \hline \end{array}$$

Four-sevenths of the children in White's class want to go outside. If White agrees with the majority, will the class stay inside or go outside?

Circle the addition property for $70 + 127 = 127 + 70$.

associative property
commutative property

$$9 \times 10 = \underline{\hspace{2cm}}$$

Name: _____

<p>How many grams are in 2 kilograms?</p> <p>_____ grams</p>	<p>Can 982 be evenly divided by 5? Circle:</p> <p>982 is evenly divisible by 5</p> <p>982 is NOT evenly divisible by 5</p>	
<p>4 x 10 = _____</p>		
<p>Emma makes a basket for every two attempts that she makes. Jessica needs seven attempts to make a basket. Each basket is worth 2 points. If they each make 56 attempts, then what is the score?</p>	<p>7 x 2 = _____</p> $\begin{array}{r} 238 \\ + 467 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ - 11 \\ \hline \end{array}$
<p>The product of two consecutive whole numbers is 156. What are the two consecutive whole numbers?</p>	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>two hundred thirty-two thousand, seven hundred ninety-seven</p> <p>_____</p>	
<p>86,821 - 53,138 = _____</p>	$\begin{array}{r} 312 \\ - 211 \\ \hline \end{array}$	<p>30 ÷ 5 = _____</p> <p>8 x 5 = _____</p>

Name: _____

Can 586 be evenly divided by 8? Circle:
586 is evenly divisible by 8
586 is NOT evenly divisible by 8

You are given four cards. One card has the number 1 on it, another card has a 2, another card has a 3, and the last card has the number 4 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?

$96 \div 12 =$

$55,364 - 47,276 =$

$5 \times 10 =$

Mary 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.

$48 \div 8 =$

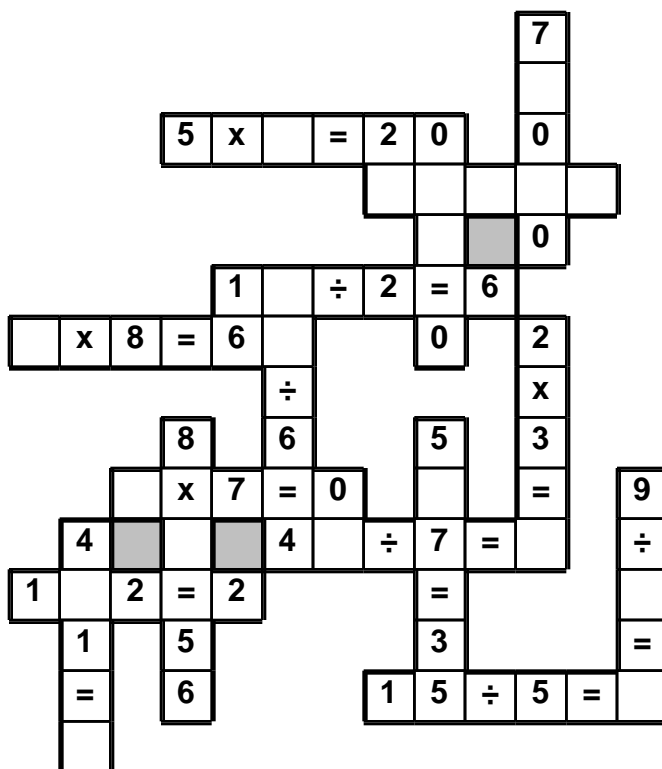
You cannot decide what pizza store to go to. Maria's pizza cuts their pizza into 5 slices. Each slice costs \$3 each. Anna's pizza cuts their pizza into 3 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?

$5 \times 9 =$

$3 \times 11 =$

$9 \times 3 =$

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

 $36 \div 4 = \underline{\hspace{2cm}}$

Name: _____

Find the sum of 19, 15, and 30.

Subtract 135 from 576.

$$\begin{array}{r} 54,182 \\ - 3,867 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ 8 \\ 1 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 399 \\ + 81 \\ \hline \end{array}$$

What number is 477 less than 565?

Multiply 90 and 7.

$$\begin{array}{r} 38 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4,237 \\ \times 6 \\ \hline \end{array}$$

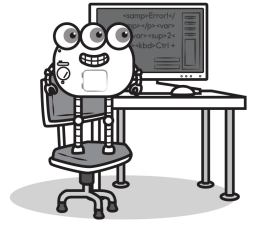
$$8 \overline{) 673}$$

Divide and write remainder.

$$30 \overline{) 5194}$$

Divide and write remainder.

Find the product of 772 and 8.



Name: _____

Robot wrote this program to solve a math problem.

```
# variable for groups of flags
```

```
groups_of_flags = 5
```

```
# variable for flags in each group
```

```
flags_in_each_group = 12
```

```
# calculate total flags
```

```
total_flags = groups_of_flags * flags_in_each_group
```

```
# print the result
```

```
print("There were", total_flags, "flags in all.")
```

What will the program print out? Fill in the blanks.

There were ____ flags in all.

Wait! Robot forgot to write down the math problem.

Can you write your own word problem to explain Robot's computer code?

Name: _____

Amanda is 1 year younger than Justin. Anna is 6 years older than Justin. Hunter is 13 years younger than Anna. Amanda is 15 years old.

How old is everyone else?

Complete.

3 balloons = 2 stars

12 stars = 3 pearls

3 pearls = _____ balloons

April drew a square with an area of 49 square centimeters. Peter drew a square with an area of 144 square centimeters. How much bigger is the perimeter of the square that Peter drew than the perimeter of the square that April drew?

Name: _____

$$36 \overline{) 2160}$$

$$6 \overline{) 18}$$

$$33 \overline{) 1980}$$

$$56 \overline{) 168}$$

$$24 \overline{) 480}$$

$$48 \overline{) 1728}$$

$$11 \overline{) 88}$$

$$24 \overline{) 840}$$

Circle the least amount:

20%

0.38

$\frac{11}{25}$

If $n = 9$ and $y = -7$ then
what is $n^2 - y^2$?

$$16m - 9.8 = 70.2$$

$m =$

What is the mode of the
following number set?

96, 100, 86, 101, 103, 87, 105,
98, 97, 104, 95, 94, 99

j, 5, 5, j, 5, 5, j, 5, 5, j,
____, 5

Rewrite as an algebraic
expression or equation.

Add h to the product of 8
and 4























$$0.9 (0.3 (0.9 + 5)) =$$

$$28 \div 4 - 3$$

If $m = -7$ and $p = 33$ then
what is the value of d ?
 $7m - 15p + 3p = d$

Name: _____

Puzzle:

					30
9			9		39
					30
9					37
					39
32	29	35	40	39	+

Work Area:

					30
9			9		39
					30
9					37
					39
32	29	35	40	39	+

The sum for each column
and row is given.



= _____



= _____



= _____



= _____



= _____

$$2 + 8 \div 1$$

$$y = x + 13$$

$$y = 18$$

What is the value of x?

Rewrite in scientific notation.

4,407,000,000,000

What is the prime
factorization of 108?

A circle graph has four
sections. Only three
sections are labeled. The
labels are 22%, 33%, and
22%. What should the
missing section be?

What is the prime
factorization of 126?

Name _____



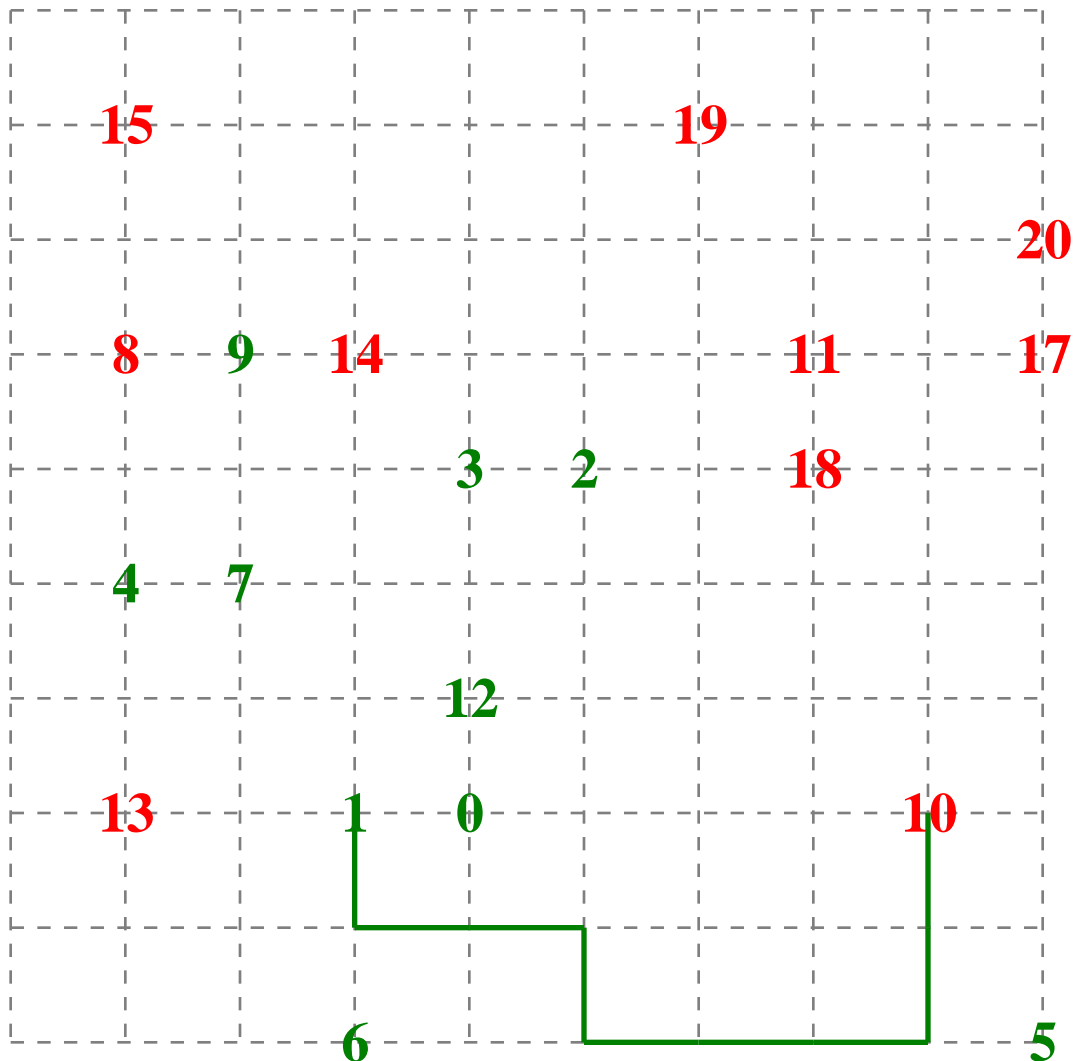
Date _____

Greater and Less Than Number Kissing

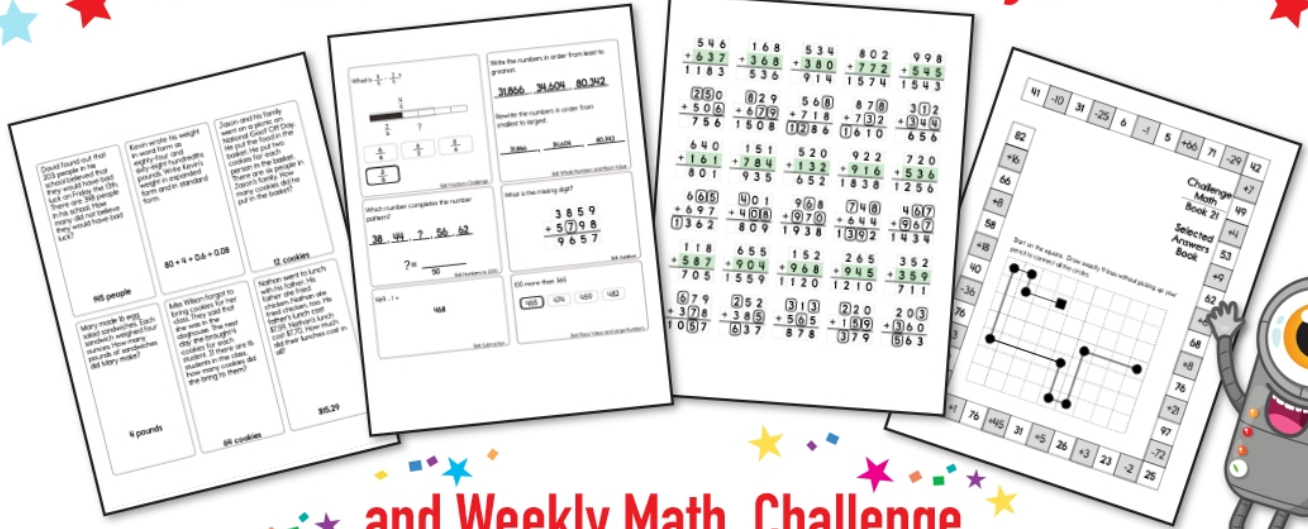
Start at a green number and draw a line to any red number that is greater than the green number.

Draw a line that connects one number to one other number to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a number, that number cannot be used again.

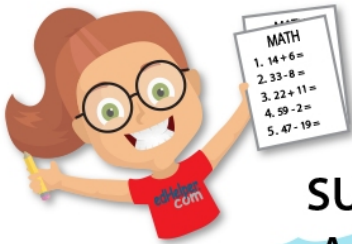
One complete line has already been drawn for you.



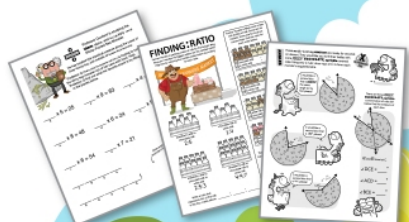
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