

# DAY 1

1.) Write the number that is 10 times smaller than 100. \_\_\_\_\_

2.) Write the number that is 10 times smaller than 40. \_\_\_\_\_

3.) Write the number that is 10 times larger than 40. \_\_\_\_\_

Draw a picture to explain your reasoning for number 2.

**###, ###**

Given any 6-digit number like the above, describe what happens to the value of a digit as it moves up and/or down the place values. You may use words, diagrams, and/or examples in your explanation.

Write 61, 204 in expanded form using exponents. Use what you know about powers of ten and exponents to explain your answer.

## DAY 2

Cameron began with \$10 in investments and was able to "triple" his money. Arlene also began with \$10. She was able to "cube" her money. Who ended up with more money? Explain.

Write each number in exponential form

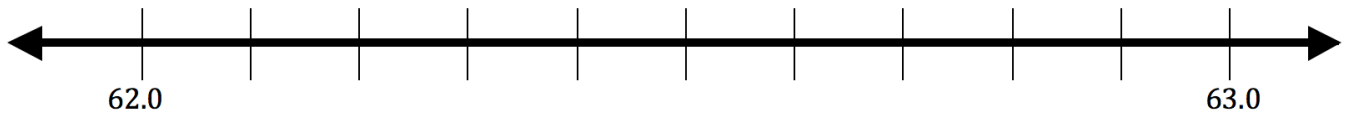
71,092,304

9,340, 290

Place the two numbers to the right on the number line below.

62.5

62.35

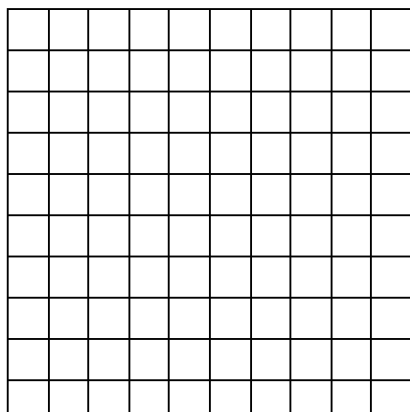


Compare the two numbers on the line below using the symbols  $<$ ,  $>$ , or  $=$ .

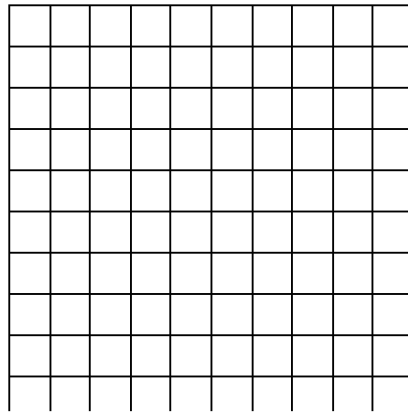
Explain your thinking

# DAY 3

Represent the decimals on the grids.



**0.08**



**0.8**

Compare the two decimals using the symbols  $<$ ,  $>$ , or  $=$ .

Below is the cost that was involved for a Florida student to attend University of Florida for the 2013-2014 school year.

Tuition and mandatory fees	\$9,162
On-campus residence	\$6,152
Meal plan	\$3,975
Books and supplies	\$1,130

Round to the nearest thousand to estimate what a student's total cost would have been to attend University of Florida that year, including their residence on campus? Show all work.

Write a number that is greater than  $75\frac{1}{2}$  where the value of the digit in the thousandths place is greater than 5.

## REFLECTION – WEEK 1

Three things I learned this week

1.

2.

3.

Two examples of my learning

1.

2.

One question I have for my teacher