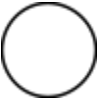
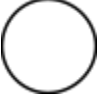


Mid Module 1
Interactive Study Guide

Name ----- **#**-----

Directions: Please complete the study guide as best you can, tonight for homework. We will go over the answers in class tomorrow. This will be a great guide to help you study for the test.

#1- Compare using $>$, $<$, or $=$.

- a. 0.56  0.569
- b. 2 hundredths + 3 tenths  4 thousandths + 3 tenths
- c. $(4 \times 1000) + (3 \times 1) + (2 \times 0.1)$  $(4 \times 1000) + (3 \times 10) + (2 \times 0.1)$
- d. 25 tenths  2.50

#2- Model the number 9.99 on a place value chart.

- a. Use words, numbers, and your model to explain why each of the digits has a different value. Be sure to use "ten times as much" and "one tenth of" in your explanation.
- b. Multiply 9.99×10^3 . Explain the shift of the digits, the change of the value of each digit, and the number of zeroes in the product.
- c. Divide the product from (b) by 10^2 . Explain the shift of the digits and how the value of each digit changed.

#3- Round the following numbers to the **ones** place:

1.673	14.102	133.78
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#4- Round the following numbers to the **tenths** place:

0.76	3.099	9.222
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#5- Write the number 62.104 in...

Standard Form	Unit Form
Expanded Form	Word Form

#6- Mr. Sam wrote 6.714 on the board. Melissa says it is six and seven-hundred fourteen thousandths. Nanette says it is 6 ones, 7 tenths, 1 hundredths, and 4 thousandths. Who is right? Use words and numbers to explain your answer.

#7- A trip from Seattle to Miami is 3,297.8 miles. A family wants to make the drive in 10 days, driving the same number of miles each day. About how many miles will they drive each day? Round your answer to the nearest tenth of a mile. Explain how you solved the problem.