

5<sup>th</sup> Grade Math

**End of Module 1 Review**

Place Value and Decimal Fractions

Name \_\_\_\_\_

Date \_\_\_\_\_

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

a. 3 thousandths + 2 hundredths  0.025

b. 3 tens 2 tenths 2 thousandths  30.002

c. 34 tenths  3.5

2. Model the number 4.44 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  $4.44 \times 10^4$ . Explain the shift of the digits, the change in the value of each digit, and the number of zeroes in the product.

- c. What would happen to the digits if you divided 4.44 by  $10^2$ ?

3. Annual rainfall total for cities in Arizona are listed below.

Tucson	0.12 meters
Glendale	0.117 meters
Flagstaff	0.248 meters
Phoenix	0.107 meters

- a. Put the rainfall measurements in order from least to greatest.

b. Round each of the rainfall totals to the nearest tenth.

4. A flower measured 23.56 cm tall. Round the height of the flower to the nearest whole number.

5. Express the following number using expanded form, unit form, and word form:  
625.25

6. What's a reasonable product for  $5 \times 6.7$ ? Explain your thinking.

9. Round 362.459 to the nearest tenth, hundredth and whole number.

Tenth: \_\_\_\_\_

Hundredth: \_\_\_\_\_

Whole Number: \_\_\_\_\_

The test questions will be word problems, but here is some practice with basic operations using decimals. Don't forget to check your work!

12.  $3.05 + 0.07 =$  \_\_\_\_\_

13.  $60.9 - 3.254 =$  \_\_\_\_\_

14.  $92.45 - 0.003 =$  \_\_\_\_\_

15.  $5 \times 7.68 =$  \_\_\_\_\_

16. \$12.40 divided by 5