

LESSON 4: Rational Numbers in the Real Number System

Homework

Name _____ Date _____

Directions: Determine the value of each of the following. Defend your answer with an explanation or model. For the fraction values, determine the decimal equivalent.

1. $\sqrt{9} =$

2. $\sqrt{49} =$

3. $\sqrt{25} =$

4. $\frac{5}{8} =$

5. $\frac{1}{9} =$

6. $\frac{-45}{12} =$

Directions: Write all applicable categories of each of the numbers below from the list given: Rational, Integer, Whole Number, Natural Number

7. -25

8. $1,256$

9. $0.54\overline{75}$

10. $3\frac{5}{8}$