Name _____   Date _____

1. Complete the sentences with the correct number of units, and then complete the equation.

   a. 3 groups of _____ tenths is 1.5.   1.5 ÷ 3 = _____

   b. 6 groups of _____ hundredths is 0.24.   0.24 ÷ 6 = _____

   c. 5 groups of _____ thousandths is 0.045.   0.045 ÷ 5 = _____

2. Complete the number sentence. Express the quotient in units and then in standard form.

   a. 9.36 ÷ 3 = _____ ones ÷ 3 + _____ hundredths ÷ 3

      = _____ ones + _____ hundredths

      = _____

   b. 36.012 ÷ 3 = _____ ones ÷ 3 + _____ thousandths ÷ 3

      = _____ ones + _____ thousandths

      = _____

   c. 3.55 ÷ 5 = _____ tenths ÷ 5 + _____ hundredths ÷ 5

      = _____

      = _____

   d. 3.545 ÷ 5 = _____

      = _____

      = _____

EUREKA MATH

Lesson 13: Divide decimals by single-digit whole numbers involving easily identifiable multiples using place value understanding and relate to a written method.

©2015 Great Minds. eureka-math.org

59

3. Find the quotients. Then, use words, numbers, or pictures to describe any relationships you notice between each pair of problems and quotients.

    a. 21 ÷ 7 = _____   2.1 ÷ 7 = _____

    b. 48 ÷ 8 = _____   0.048 ÷ 8 = _____

4. Are the quotients below reasonable? Explain your answers.

    a. 0.54 ÷ 6 = 9

    b. 5.4 ÷ 6 = 0.9

    c. 54 ÷ 6 = 0.09

Lesson 13:   Divide decimals by single-digit whole numbers involving easily identifiable multiples using place value understanding and relate to a written method.

©2015 Great Minds. eureka-math.org

60

EUREKA MATH™