# Worksheet **3.1**

*Decimal Notation, Order, and Rounding.*

*Write a word name for the number in the sentence. See examples on pages 139-140 in text.*

**1.** One gallon is equal to 3.7853 liters.

    A)   Three and seven thousand eight hundred fifty-three thousandths

    B)   Three and seven thousand eight hundred fifty-three ten-thousandths

    C)   Thirty seven thousand and eight hundred fifty-three ten-thousandths

    D)   Thirty seven thousand and eight hundred fifty-three hundredths

*Write fractional notation for the given decimal notation. See examples on pages 140-141 in text.*

**2.** 0.36

    A)  $\dfrac{36}{100}$    B)  $\dfrac{36}{1000}$    C)  $\dfrac{36}{10}$    D)  $\dfrac{3.6}{10}$

**3.** 92.709

    A)  $\dfrac{92.709}{1,000}$    B)  $\dfrac{92,709}{100}$    C)  $\dfrac{92,709}{1,000}$    D)  $\dfrac{92,709}{10,000}$

*Write in decimal notation. See examples on pages 141-142 in text.*

**4.** $\dfrac{4}{10}$

    A)  0.00004    B)  0.4    C)  0.04    D)  0.004

**5.** $\dfrac{422}{100}$

    A)  42.2    B)  0.422    C)  4.22    D)  42.2

*Write in decimal notation. See examples on pages 141-142 in text.*

**6.** $\dfrac{15}{100{,}000}$

A)   0.000 015          B)   0.001 5          C)   0.000 15          D)   0.015

*Which number is larger. See examples on page 113 in text.*

**7.**   21.006,  21.050

A)   21.006          B)   21.050

*Divide. Write a mixed numeral for the answer. See examples on page 114 in text.*

**8.**   $2\dfrac{4}{5} \div 7$

A)   $\dfrac{1}{5}$          B)   $\dfrac{2}{5}$          C)   $\dfrac{3}{5}$          D)   $\dfrac{2}{4}$

*Simplify. See examples on page 58 in text.*

**9.**   $9 \times 5 + \{6 \div [14 - (5 + 3)]\}$

A)   46          B)   $\dfrac{33}{4}$          C)   $\dfrac{91}{2}$          D)   1

*Find the Least Common Multiple of the numbers given. See example on page 76 in text.*

**10.**   24, 35, and 45

A)   12,600          B)   2520          C)   104          D)   37,800