Additional Practice

1. Jason and his mother are re-tiling the kitchen floor. The area of the kitchen floor is 96.75 square feet. Each tile has an area of 1.25 square feet. How many tiles will Jason and his mother need to tile the kitchen?

2. The student concession stand buys 6.5 pounds of unpopped popcorn for $12.75. What is the price per pound of the popcorn?

3. For each of the following, decide if the quotient is less than 1 or greater than 1.

    a. $9.22 \div 2.8$ **b.** $0.9 \div 0.3$ **c.** $12.6 \div 11.8$ **d.** $5.6 \div 9.9$

4. Compute each quotient. What patterns do you notice?

    a. $6.3 \div 9,$ $6.3 \div 0.9,$ $6.3 \div 0.09,$ $6.3 \div 0.009$

    b. $6.3 \div 9,$ $0.63 \div 9,$ $0.063 \div 9,$ $0.0063 \div 9$

    c. $6.3 \div 9,$ $0.63 \div 0.9,$ $0.063 \div 0.09,$ $0.0063 \div 0.009$

Additional Practice *(continued)*

5. Use the number sentence $936 \div 12 = 78$ to help you solve the following:

    a. $936 \div 1.2$ **b.** $93.6 \div 12$ **c.** $9.36 \div 12$

    d. $0.936 \div 12$ **e.** $936 \div 0.12$ **f.** $936 \div 0.012$

6. Use the number sentence $492 \div 4 = 123$ to help you solve the following:

    a. $492 \div 40$ **b.** $492 \div 400$ **c.** $492 \div 4000$

    d. $49.2 \div 4$ **e.** $4.92 \div 4$ **f.** $0.492 \div 4$

7. Find each quotient.

    a. $4.5 \div 0.3$ **b.** $64.4 \div 0.04$ **c.** $12.9 \div 20$

    d. $12.9 \div 0.2$ **e.** $1.05 \div 2.1$ **f.** $18.8 \div 4$