**SKILL 7: Practice**

**Use a proportion to find each missing number.**

1. 91 days = _______ weeks
2. 9 dozen items = _______ items
3. 2400 minutes = _______ hours
4. 3 tons = _______ pounds

**Solve each problem.**

5. Kurt gets an $800 paycheck every 2 weeks. At this rate, how much does he earn in 1 year (52 weeks)?

6. A newborn baby's heart beats about 7 times every 3 seconds. At this rate, how many times does a baby's heart beat in 60 seconds?

7. During a test, 3 out of 100 cars selected at random were found to be defective. Use this ratio to estimate the number of defective cars if 1,500 cars are tested.

8. At Super Stores a 12-exposure roll of film costs $2.34 and a 20-exposure roll costs $3.80. Which roll of film costs less per exposure?

9. Sleeping 8 hours a day is the same as sleeping about 10 days a month.
   a. About how many days is this per year?
   b. About how many days in this in a 75-year lifetime?

**TEST PREP**

10. Four quarts of water weighs about 8 pounds. About how much does 2 quarts of water weigh?  
    A 1 lb  C 16 lb  
    B 4 lb  D 2 lb  

11. Which ratio is not equal to \( \frac{3}{15} \)?  
    F \( \frac{6}{30} \)  H \( \frac{1}{5} \)  
    G \( \frac{30}{150} \)  J \( \frac{45}{9} \)  

14 Ratio, Proportion, and Percent  
Section A: Ratio and Proportion