1. A college has 4500 students and 350 faculty members. Write a unit ratio of students to faculty.

2. Sandra drove 102.3 mi. in 1.5 hr. What was her average rate in miles per hour?

3. A long distance telephone call lasting 26 min. costs $2.86. What is the rate in dollars per minute?

4. A 10.5 oz. can of soup costs $0.79. What is the unit price in cents per ounce? (Round to the nearest tenth.)

5. Which is the better buy?
   a. $0.89 for a 16 oz. can of pineapple
   b. $0.69 for a 12 oz. can of pineapple

6. Solve:
   a. \( \frac{n}{15} = \frac{22.8}{36} \)
   b. \( \frac{24}{n} = \frac{8}{9} \)
7. Darwin can travel 350 mi. on 16.4 gal. of gas. How many gallons would he need to travel 450 mi.? (Round to the nearest tenth.)

8. The monthly loan payment for a car is $36.75 for each $1500 borrowed. Find the monthly payment for a $21,000 car.

9. The standard dose of medicine for a dog is 8 grams for every 15 pounds of body weight. What is the standard dose for a dog that weighs 80 pounds?

10. Subtract: \[ 12 \frac{1}{2} - 4 \frac{1}{5} \]

You can find more practice word problems on pages 363 to 365 of your textbook.