Lesson 3 Homework Practice

Rates

Write each rate as a unit rate.

1. 3 inches of rain in 6 hours
   \[
   \frac{0.5 \text{ inches}}{1 \text{ hour}}
   \]

2. $46 for 5 toys
   \[
   \frac{$9.20}{1 \text{ toy}}
   \]

3. 70 miles in 2 hours
   \[
   \frac{35 \text{ miles}}{1 \text{ minute}}
   \]

4. 64 ounces in 8 cups
   \[
   \frac{8 \text{ ounces}}{1 \text{ cup}}
   \]

5. CLASSES A school has 825 students and 55 teachers. How many students are there per teacher? 15 students

6. CELL PHONE Tiffany pays $40 for 160 minutes of talk time on her cell phone. How many minutes of talk time does she get per dollar? 4 minutes

7. HAMBURGERS Mrs. Farley made 72 ounces of hamburger into 24 meat patties. How many ounces of hamburger are in each meat patty? 3 ounces

For Exercises 8 and 9, refer to the table showing the statistics of women’s baseball teams.

8. For each team, find the unit rate games per loss.

Jules’ Rules: \(\frac{3}{1}\); Pink Sox: \(\frac{4}{1}\); Go-Girls: \(\frac{4}{1}\);
   High-5s: \(\frac{9}{1}\)

9. Which team has the best record? Explain how you know.
   
   High-5s; For every nine games that they played, they only lost 1.

10. BREAKFAST Franco is making breakfast. He uses 36 eggs for 12 orders. How many eggs does he use per order? 3 eggs

11. TRAINS A train travels 558 miles in 3 hours. At this rate, how far does the train travel per hour? 186 miles per hour

12. SCHEDULES A bus makes 28 stops every 2 hours. How many stops does it make in 3 hours? in 4 hours? 42 stops; 56 stops