

Name: _____ Date: _____

Unit Rate and Proportional Reasoning

Find the unit rate.

1. Typing 731 words in 17 minutes (words per minute)
2. Reading 258 pages in 86 minutes (pages per minute)
3. Buying 15 boxes of cereal for \$43.35 (cost per box)
4. Scoring 98 points in a 40 minute game (points per minute)
5. Buying $2\frac{1}{4}$ pounds of bananas cost \$1.89 (cost per pound)

Solve the problem.

6. While baking, Evan discovered a recipe that required $\frac{1}{2}$ cups of walnuts for every $2\frac{1}{4}$ cups of flour. How many cups of walnuts will he need for 4 cups of flour?
7. Based on the graph, what would the cost to refill 50 bottles?
8. Sam grew $1\frac{3}{4}$ inches in $4\frac{1}{2}$ months. How much should he grow in one year?
9. On his afternoon jog, Chris took 42 minutes to run $3\frac{3}{4}$ miles. How many miles can he run in 60 minutes?

