

Guided Practice

7.4

NAME _____

Module 7 Ratio, Proportion, and Percent
Lesson 4 Ratios, Rates, and Proportional Reasoning

Set 1

1 Taylor ate 27 grapes and 12 strawberries. Write the ratio of grapes to strawberries as a fraction in simplest form.

2 Caroline earned \$75 in 15 hours. Find the unit rate.

3 A printer prints 825 pages in 75 minutes. Find the unit rate.

4

A package of 12 pencils costs \$1.32. What is the unit cost?

Set 2

1

A lemonade recipe calls for four cups of water and $\frac{3}{4}$ c sugar. How much water should be used to make lemonade using $1\frac{1}{2}$ c sugar?

2

A 12-ounce box of cereal costs \$3.84. At the same unit cost, how much would you pay for a 15-ounce box of the same cereal?

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3 An assembly line worker inspected 312 items in 2.5 minutes. At this rate, how many items will the worker inspect in 12 minutes? Round your answer to the nearest whole number.

Set 3

1 This season Jerry made three out of every five basketball free throws he attempted. Sally made four out of every six free throws she attempted. Based on these rates, who was the better free-throw shooter? Use a table to solve.

2 Russ types 126 words in two minutes. Megan types 186 words in three minutes. Based on the rates, who types faster?