

Challenge Problems

7.4

NAME _____

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

Set 1

- 1 Explain how you know that a ratio is written in simplest form. Give an example of a ratio in simplest form.
- 2 A pizza is cut into eight slices. A slice costs \$1.65. Explain why you need to use multiplication instead of division to find the unit cost of a whole pizza.
- 3 Explain the difference between a ratio and a rate.

Set 2

- 1 Marcus earned \$275 in 15 hours. Cheryl earned \$412.50 in 22.5 hours. Show how you can use a proportion to decide whether Marcus and Cheryl earned the same hourly wage.

Additional Work Area