

Section 2.3 Math Link

This worksheet will help you with the Math Link on page 69.

1. It costs \$7.60 to make the horiatiki salad for 12 people. What is the unit price? Use the steps to help solve the problem.

Step 1 Set up a proportion using a unit rate.

Step 2 Solve the proportion.

Step 3 Write a concluding statement. Remember to include the units.

2. a) Choose a recipe for a soup, a salad, or an appetizer that serves between 4 and 6 people. _____

b) Complete the table on the following page.

- Record the name of your recipe and the number of people it serves.
- In column 1, record the list of ingredients.
- In column 2, write the amount needed of each ingredient.
- In column 3, determine the amount needed of each ingredient to serve 10 people. Use proportions to help you. Show your work.

Example:

A recipe calls for 270 mL couscous for 5 people. How much couscous will you need for 10 people?

Recipe <u>Couscous</u> Serves <u>5</u>		
Ingredients	Amount Given in Recipe	Amount Needed to Serve 10
couscous	180 mL	$\frac{270}{5} = \frac{\square}{10}$ $\times 10$ $\frac{54}{1} = \frac{\square}{10}$ $\times 10$ $\square = 540$

