

**Extra Practice****Ratio Tables W.S. # 2**

2. Four balls of wool will make 8 knitted caps. How many balls of wool will Malcolm need if he wants to make 6 caps? (Examples 3 and 4)

Balls of Wool	4		
Number of Caps	8		6

3. Lamika buys 12 packs of juice boxes that are on sale and pays a total of \$48. Use a ratio table to determine how much Lamika will pay to buy 8 more packs of juice boxes at the same store. (Example 5)

Number of Juice Boxes			
Price (\$)			

4. On a bike trip across the United States, Rodney notes that he covers about 190 miles every 4 days. If he continues at this rate, use a ratio table to determine about how many miles he could bike in 6 days. (Example 5)

Miles Biked			
Days			

5. **CCSS Identify Repeated Reasoning** A punch recipe that serves 24 people calls for 4 liters of lemon-lime soda, 2 pints of sherbet, and 6 cups of ice.

- a. Complete a ratio table to represent this situation.
- b. How much of each ingredient would you need to make an identical recipe that serves 12 people? 36 people?

People Served		
Liters of Soda		
Pints of Sherbet		
Cups of Ice		

- c. How much of each ingredient would you need to make an identical recipe that serves 18 people? Explain your reasoning.

14. When a photo is reduced or enlarged, its length to width ratio usually remains the same. Aurelia wants to enlarge a 4-inch by 6-inch photo so that it has a width of 15 inches. Use a ratio table to determine the new length of the photo.

Length (in.)	4		
Width (in.)	6		

16. **CCSS Justify Conclusions** A veterinarian needs to know an animal's weight in kilograms. If 20 pounds is about 9 kilograms and a dog weighs 30 pounds, use a ratio table to find the dog's weight in kilograms. Explain your reasoning.

Pounds			
Kilograms			