

# Independent Practice

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Complete each ratio table to solve each problem.

**1** To make 5 apple pies, you need about 2 pounds of apples. How many pounds of apples do you need to make 20 apple pies? (Example 1)

Number of Pies	5		20
Pounds of Apples	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** Before leaving to visit Mexico, Levant traded 270 American dollars and received 3,000 Mexican pesos. When he returned from Mexico, he had 100 pesos left. How much will he receive when he exchanges these pesos for dollars? (Example 2)

American Dollars	270		
Mexican Pesos	3,000		100

**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. PS 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.

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