Name



- **1.** Which unit rate would you use to solve the proportion? $\frac{x \text{ revolutions}}{18 \text{ min}} = \frac{6 \text{ revolutions}}{3 \text{ min}}$
 - A 6 minutes per revolution
 - **B** 2 minutes per revolution
 - **C** 6 revolutions per minute
 - D 2 revolutions per minute
- 2. Which term completes the proportion? $\frac{\$90}{6 \text{ gift cards}} = \frac{d \text{ dollars}}{15 \text{ gift cards}}$
 - $\begin{array}{c} \textbf{A} \quad \frac{\$6}{gift \ card} \\ \textbf{B} \quad \frac{\$15}{gift \ card} \\ \textbf{C} \quad \$36 \end{array}$
 - **D** \$225
- **3.** Willa buys a phone card to make long distance calls. A card for 600 min of call time costs \$15. If the rate remains the same, how much would a card with 400 min of call time cost?
 - **A** \$4
 - **B** \$10
 - **C** \$14
 - **D** \$40
- 4. Writing to Explain Solve the two proportions.

 $\frac{5 \text{ mi}}{8 \text{ min}} = \frac{p \text{ mi}}{32 \text{ min}} \quad \frac{9 \text{ cm}}{3 \text{ sec}} = \frac{n \text{ cm}}{5 \text{ sec}}$

Which method of solving proportions (ratio tables or unit rates) did you use to solve each proportion? Why did you choose that method?