1. A full container that holds 96 fluid ounces developed a leak in the bottom. After 72 hours, all the liquid had emptied from the container. What was the average rate at which the liquid drained from the container, in fluid ounces per hour?

A $\frac{3}{4}$ **C**   3

B $1\frac{1}{3}$ **D**   32

2. Sarah jumps rope to keep in shape. She jumps an average of 20 times in 15 seconds. Which of these describes her jumping rate?

A 60 minutes per jump   **C** 80 minutes per jump
B 60 jumps per minute   **D** 80 jumps per minute

3, It took a race car driver 3 hours and 15 minutes to go 500 miles. What was his mean rate of speed, to the nearest tenth of a mile per hour?

A 142.9 mph   **C** 158.7 mph
B 153.8 mph   **D** 166.7 mph

4. Steven's family traveled 240 miles in 4 hours. What was their average speed in miles per hour?

A 40   **C** 60
B 50   **D** 70

5. William has a lemonade stand. It costs him $0.30 to make 3 cups of lemonade. Which of the following represents the rate of change of his cost with respect to the dozens of cups of lemonade he makes?

A $\dfrac{1\ dozen\ cups}{\$1.20}$ **C** $\dfrac{0.5\ dozen\ cups}{\$1.80}$

B $\dfrac{\$1.20}{1\ dozen\ cups}$ **D** $\dfrac{\$1.80}{0.5\ dozen\ cups}$