

Unit Rates and Ratios of Fractions

Solve each problem.

1 John writes $\frac{1}{6}$ of a page in $\frac{1}{12}$ of a minute. How much time does it take him to write a full page?

2 David fills $\frac{1}{5}$ of a water bottle in $\frac{1}{25}$ of a minute. How much time will it take to fill the full water bottle?

3 Jen writes $\frac{1}{7}$ of a page in $\frac{1}{15}$ of a minute. How many minutes does it take her to write a full page?

4 Chris walked $\frac{1}{8}$ of a mile in $\frac{1}{16}$ of an hour. Compute the unit rate in the simplified form.

5 Gabriel drinks $\frac{1}{5}$ of milk in a glass in $\frac{1}{15}$ of a minute. How long will it take to complete the entire glass of milk?
