

Section 2.4 Multiplication and Applications

Multiply.

1) $3 \cdot \frac{1}{7}$

4) $\frac{1}{7} \times \frac{1}{2}$

2) $\frac{5}{7} \cdot 1$

5) $\frac{1}{10} \times \frac{3}{10}$

3) $25 \times \frac{3}{7}$

6) $\frac{2}{5} \times \frac{3}{7}$

7) $\frac{17}{19} \cdot \frac{15}{23}$

10) Greg's water bottle can hold $\frac{5}{7}$ L. When he starts on his bicycle race, his water bottle is $\frac{2}{3}$ full. How much water does he have?

Solve.

8) A rectangular sheet of paper measures $\frac{2}{5}$ ft by

$\frac{1}{5}$ ft. What is its area?

11) It takes $\frac{6}{11}$ lb of flour to make a cake. How much flour is needed to make 4 cakes?

9) Each piece of pizza is $\frac{1}{7}$ of the pizza. What fraction of the pizza is $\frac{1}{3}$ of a piece?

12) Mr. Rivera opened a package of 25 drinking cups for his restaurant. During the day, 4 cups were used. What fraction of the package of cups was used?