

Multiplying Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{12}{11} \times \frac{8}{3} \times \frac{19}{8}$

5. $\frac{20}{7} \times \frac{7}{5} \times \frac{2}{11}$

2. $\frac{10}{3} \times \frac{4}{7} \times \frac{1}{2}$

6. $\frac{1}{3} \times \frac{15}{2} \times \frac{6}{7}$

3. $\frac{9}{10} \times \frac{10}{3} \times \frac{19}{4}$

7. $\frac{14}{9} \times 2 \times \frac{3}{2}$

4. $\frac{24}{5} \times \frac{5}{12} \times \frac{4}{3}$

8. $6 \times \frac{1}{2} \times \frac{8}{7}$

Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{12}{11} \times \frac{8}{3} \times \frac{19}{8} \\ & = \frac{76}{11} = 6\frac{10}{11} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{20}{7} \times \frac{7}{5} \times \frac{2}{11} \\ & = \frac{8}{11} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{10}{3} \times \frac{4}{7} \times \frac{1}{2} \\ & = \frac{20}{21} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{3} \times \frac{15}{2} \times \frac{6}{7} \\ & = \frac{15}{7} = 2\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{9}{10} \times \frac{10}{3} \times \frac{19}{4} \\ & = \frac{57}{4} = 14\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{14}{9} \times 2 \times \frac{3}{2} \\ & = \frac{14}{3} = 4\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{24}{5} \times \frac{5}{12} \times \frac{4}{3} \\ & = \frac{8}{3} = 2\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & 6 \times \frac{1}{2} \times \frac{8}{7} \\ & = \frac{24}{7} = 3\frac{3}{7} \end{aligned}$$