

Multiplying Fractions (J)

Find the value of each expression in lowest terms.

1. $\frac{1}{3} \times \frac{1}{2} \times \frac{9}{11}$

5. $4\frac{3}{4} \times \frac{4}{3} \times \frac{1}{3}$

2. $\frac{2}{3} \times 1\frac{1}{4} \times \frac{24}{7}$

6. $\frac{14}{3} \times \frac{1}{3} \times 2\frac{1}{3}$

3. $\frac{1}{6} \times \frac{12}{5} \times \frac{5}{6}$

7. $\frac{1}{12} \times 4\frac{1}{5} \times \frac{5}{9}$

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

8. $\frac{5}{2} \times \frac{4}{3} \times \frac{5}{11}$

Multiplying Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{1}{3} \times \frac{1}{2} \times \frac{9}{11} \\ & = \frac{3}{22} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{3}{4} \times \frac{4}{3} \times \frac{1}{3} \\ & = \frac{19}{9} = 2\frac{1}{9} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{2}{3} \times 1\frac{1}{4} \times \frac{24}{7} \\ & = \frac{20}{7} = 2\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{14}{3} \times \frac{1}{3} \times 2\frac{1}{3} \\ & = \frac{98}{27} = 3\frac{17}{27} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{6} \times \frac{12}{5} \times \frac{5}{6} \\ & = \frac{1}{3} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{12} \times 4\frac{1}{5} \times \frac{5}{9} \\ & = \frac{7}{36} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{2}{7} \times \frac{1}{4} \times 1\frac{2}{3} \\ & = \frac{5}{42} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{5}{2} \times \frac{4}{3} \times \frac{5}{11} \\ & = \frac{50}{33} = 1\frac{17}{33} \end{aligned}$$