

Multiplying Fractions (I)

Find the value of each expression in lowest terms.

1. $\frac{14}{3} \times \frac{7}{9} \times \frac{18}{7}$

5. $2\frac{4}{9} \times \frac{1}{2} \times 2\frac{1}{3}$

2. $\frac{1}{3} \times \frac{13}{2} \times \frac{5}{4}$

6. $\frac{7}{2} \times \frac{1}{6} \times \frac{4}{9}$

3. $\frac{1}{9} \times \frac{3}{7} \times \frac{15}{2}$

7. $\frac{21}{4} \times \frac{1}{2} \times \frac{5}{9}$

4. $1\frac{8}{9} \times \frac{3}{2} \times \frac{4}{5}$

8. $\frac{3}{8} \times \frac{16}{9} \times \frac{3}{2}$

Multiplying Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{14}{3} \times \frac{7}{9} \times \frac{18}{7} \\ & = \frac{28}{3} = 9\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{4}{9} \times \frac{1}{2} \times 2\frac{1}{3} \\ & = \frac{77}{27} = 2\frac{23}{27} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} \times \frac{13}{2} \times \frac{5}{4} \\ & = \frac{65}{24} = 2\frac{17}{24} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{7}{2} \times \frac{1}{6} \times \frac{4}{9} \\ & = \frac{7}{27} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{9} \times \frac{3}{7} \times \frac{15}{2} \\ & = \frac{5}{14} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{21}{4} \times \frac{1}{2} \times \frac{5}{9} \\ & = \frac{35}{24} = 1\frac{11}{24} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{8}{9} \times \frac{3}{2} \times \frac{4}{5} \\ & = \frac{34}{15} = 2\frac{4}{15} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{3}{8} \times \frac{16}{9} \times \frac{3}{2} \\ & = 1 \end{aligned}$$