

Multiplying Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{1}{4} \times \frac{15}{2} \times \frac{12}{7}$

5. $\frac{7}{5} \times \frac{1}{2} \times \frac{4}{3}$

2. $\frac{11}{2} \times \frac{13}{11} \times \frac{1}{10}$

6. $\frac{4}{7} \times \frac{21}{11} \times \frac{5}{8}$

3. $4\frac{1}{2} \times \frac{5}{3} \times 1\frac{3}{10}$

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

4. $1\frac{5}{7} \times \frac{11}{6} \times 4\frac{1}{2}$

8. $7\frac{1}{3} \times \frac{3}{8} \times \frac{5}{6}$

Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{1}{4} \times \frac{15}{2} \times \frac{12}{7} \\ & = \frac{45}{14} = 3\frac{3}{14} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{7}{5} \times \frac{1}{2} \times \frac{4}{3} \\ & = \frac{14}{15} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{11}{2} \times \frac{13}{11} \times \frac{1}{10} \\ & = \frac{13}{20} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{4}{7} \times \frac{21}{11} \times \frac{5}{8} \\ & = \frac{15}{22} \end{aligned}$$

$$\begin{aligned} 3. \quad & 4\frac{1}{2} \times \frac{5}{3} \times 1\frac{3}{10} \\ & = \frac{39}{4} = 9\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{4} \times 3\frac{1}{4} \times 1\frac{2}{3} \\ & = \frac{65}{48} = 1\frac{17}{48} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{5}{7} \times \frac{11}{6} \times 4\frac{1}{2} \\ & = \frac{99}{7} = 14\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 8. \quad & 7\frac{1}{3} \times \frac{3}{8} \times \frac{5}{6} \\ & = \frac{55}{24} = 2\frac{7}{24} \end{aligned}$$