

Multiplying Fractions (C)

Find the value of each expression in lowest terms.

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

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

9. $3\frac{1}{2} \times 1\frac{6}{7}$

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

6. $4\frac{2}{3} \times 3\frac{1}{2}$

10. $1\frac{2}{9} \times 1\frac{1}{4}$

3. $3\frac{3}{4} \times 2\frac{5}{6}$

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

11. $1\frac{1}{6} \times 1\frac{2}{3}$

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

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

12. $2\frac{1}{2} \times 1\frac{3}{4}$

Multiplying Fractions (C) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{4} \times 1\frac{1}{9} \\ & = \frac{35}{18} = 1\frac{17}{18} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{1}{3} \times 3\frac{2}{3} \\ & = \frac{77}{9} = 8\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 9. \quad & 3\frac{1}{2} \times 1\frac{6}{7} \\ & = \frac{13}{2} = 6\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 2. \quad & 4\frac{2}{3} \times 1\frac{1}{4} \\ & = \frac{35}{6} = 5\frac{5}{6} \end{aligned}$$

$$\begin{aligned} 6. \quad & 4\frac{2}{3} \times 3\frac{1}{2} \\ & = \frac{49}{3} = 16\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 10. \quad & 1\frac{2}{9} \times 1\frac{1}{4} \\ & = \frac{55}{36} = 1\frac{19}{36} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{3}{4} \times 2\frac{5}{6} \\ & = \frac{85}{8} = 10\frac{5}{8} \end{aligned}$$

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

$$\begin{aligned} 11. \quad & 1\frac{1}{6} \times 1\frac{2}{3} \\ & = \frac{35}{18} = 1\frac{17}{18} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{4}{7} \times 3\frac{2}{3} \\ & = \frac{66}{7} = 9\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{3}{5} \times 8\frac{1}{2} \\ & = \frac{68}{5} = 13\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 12. \quad & 2\frac{1}{2} \times 1\frac{3}{4} \\ & = \frac{35}{8} = 4\frac{3}{8} \end{aligned}$$