

Multiplying Fractions (E)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

11. $1\frac{1}{2} \times 2\frac{2}{5}$

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

8. $1\frac{1}{7} \times 4\frac{3}{4}$

12. $3\frac{1}{5} \times 1\frac{1}{2}$

Multiplying Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{7} \times 2\frac{3}{10} \\ & = \frac{23}{7} = 3\frac{2}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{5}{6} \times 2\frac{2}{3} \\ & = \frac{68}{9} = 7\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 9. \quad & 4\frac{1}{2} \times 2\frac{2}{5} \\ & = \frac{54}{5} = 10\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{1}{2} \times 1\frac{7}{8} \\ & = \frac{75}{16} = 4\frac{11}{16} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{2} \times 4\frac{4}{5} \\ & = 12 \end{aligned}$$

$$\begin{aligned} 10. \quad & 1\frac{1}{5} \times 5\frac{3}{4} \\ & = \frac{69}{10} = 6\frac{9}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{2}{3} \times 2\frac{2}{11} \\ & = \frac{40}{11} = 3\frac{7}{11} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{1}{3} \times 3\frac{1}{7} \\ & = \frac{22}{3} = 7\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{1}{2} \times 2\frac{2}{5} \\ & = \frac{18}{5} = 3\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{2}{3} \times 2\frac{2}{3} \\ & = \frac{40}{9} = 4\frac{4}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{1}{7} \times 4\frac{3}{4} \\ & = \frac{38}{7} = 5\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 12. \quad & 3\frac{1}{5} \times 1\frac{1}{2} \\ & = \frac{24}{5} = 4\frac{4}{5} \end{aligned}$$