

Multiplying Fractions (A)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

7. $4\frac{3}{5} \times 1\frac{9}{11}$

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

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

8. $1\frac{1}{2} \times 1\frac{1}{9}$

12. $2\frac{1}{4} \times 1\frac{4}{5}$

Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{5} \times 1\frac{2}{5} \\ & = \frac{56}{25} = 2\frac{6}{25} \end{aligned}$$

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

$$\begin{aligned} 9. \quad & 2\frac{1}{3} \times 4\frac{4}{5} \\ & = \frac{56}{5} = 11\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{1}{3} \times 3\frac{1}{6} \\ & = \frac{95}{9} = 10\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{2} \times 1\frac{1}{3} \\ & = \frac{10}{3} = 3\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 10. \quad & 1\frac{1}{10} \times 3\frac{3}{4} \\ & = \frac{33}{8} = 4\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{3}{4} \times 1\frac{4}{5} \\ & = \frac{99}{20} = 4\frac{19}{20} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4\frac{3}{5} \times 1\frac{9}{11} \\ & = \frac{92}{11} = 8\frac{4}{11} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{1}{6} \times 1\frac{1}{2} \\ & = \frac{7}{4} = 1\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 4. \quad & 4\frac{1}{5} \times 2\frac{1}{2} \\ & = \frac{21}{2} = 10\frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 12. \quad & 2\frac{1}{4} \times 1\frac{4}{5} \\ & = \frac{81}{20} = 4\frac{1}{20} \end{aligned}$$