

Multiplying and Dividing Mixed Fractions (I)

Find the value of each expression in lowest terms.

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

6. $2\frac{2}{3} \times 2\frac{1}{5}$

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

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

7. $1\frac{1}{3} \times 2\frac{2}{11}$

12. $3\frac{5}{6} \div 2\frac{3}{10}$

3. $1\frac{3}{4} \div 1\frac{1}{3}$

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

13. $3\frac{1}{2} \div 1\frac{1}{2}$

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

9. $1\frac{3}{10} \times 2\frac{2}{3}$

14. $4\frac{1}{2} \times 2\frac{1}{2}$

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

10. $1\frac{1}{6} \div 2\frac{4}{5}$

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

Multiplying and Dividing Mixed Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{2}{5} \div 1\frac{2}{5} \\ & = \frac{17}{7} = 2\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{2}{3} \times 2\frac{1}{5} \\ & = \frac{88}{15} = 5\frac{13}{15} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{1}{5} \times 2\frac{1}{7} \\ & = \frac{18}{7} = 2\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{2}{3} \div 4\frac{1}{2} \\ & = \frac{16}{27} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{1}{3} \times 2\frac{2}{11} \\ & = \frac{32}{11} = 2\frac{10}{11} \end{aligned}$$

$$\begin{aligned} 12. \quad & 3\frac{5}{6} \div 2\frac{3}{10} \\ & = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{3}{4} \div 1\frac{1}{3} \\ & = \frac{21}{16} = 1\frac{5}{16} \end{aligned}$$

$$\begin{aligned} 8. \quad & 2\frac{2}{3} \times 2\frac{1}{3} \\ & = \frac{56}{9} = 6\frac{2}{9} \end{aligned}$$

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

$$\begin{aligned} 4. \quad & 2\frac{1}{5} \div 3\frac{1}{2} \\ & = \frac{22}{35} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{10} \times 2\frac{2}{3} \\ & = \frac{52}{15} = 3\frac{7}{15} \end{aligned}$$

$$\begin{aligned} 14. \quad & 4\frac{1}{2} \times 2\frac{1}{2} \\ & = \frac{45}{4} = 11\frac{1}{4} \end{aligned}$$

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

$$\begin{aligned} 10. \quad & 1\frac{1}{6} \div 2\frac{4}{5} \\ & = \frac{5}{12} \end{aligned}$$

$$\begin{aligned} 15. \quad & 3\frac{2}{3} \times 1\frac{2}{3} \\ & = \frac{55}{9} = 6\frac{1}{9} \end{aligned}$$