

Multiplying and Dividing Mixed Fractions

Find the value of each expression in lowest terms.

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

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

11. $1\frac{3}{8} \div 1\frac{1}{12}$

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

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

12. $2\frac{7}{8} \div 5\frac{1}{2}$

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

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

13. $3\frac{2}{3} \div 1\frac{1}{6}$

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

9. $1\frac{3}{11} \div 2\frac{1}{3}$

14. $1\frac{3}{8} \times 3\frac{1}{3}$

5. $2\frac{1}{10} \div 2\frac{3}{5}$

10. $3\frac{1}{2} \div 2\frac{3}{4}$

15. $1\frac{4}{11} \div 1\frac{1}{4}$

Multiplying and Dividing Mixed Fractions Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{2}{7} \div 1\frac{1}{4} \\ & = \frac{92}{35} = 2\frac{22}{35} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{3} \times 1\frac{2}{3} \\ & = \frac{20}{9} = 2\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{3}{8} \div 1\frac{1}{12} \\ & = \frac{33}{26} = 1\frac{7}{26} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 1\frac{1}{3} \times 2\frac{1}{5} \\ & = \frac{44}{15} = 2\frac{14}{15} \end{aligned}$$

$$\begin{aligned} 12. \quad & 2\frac{7}{8} \div 5\frac{1}{2} \\ & = \frac{23}{44} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 2\frac{1}{7} \div 2\frac{1}{2} \\ & = \frac{6}{7} \end{aligned}$$

$$\begin{aligned} 13. \quad & 3\frac{2}{3} \div 1\frac{1}{6} \\ & = \frac{22}{7} = 3\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 6\frac{1}{2} \div 2\frac{2}{3} \\ & = \frac{39}{16} = 2\frac{7}{16} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{11} \div 2\frac{1}{3} \\ & = \frac{6}{11} \end{aligned}$$

$$\begin{aligned} 14. \quad & 1\frac{3}{8} \times 3\frac{1}{3} \\ & = \frac{55}{12} = 4\frac{7}{12} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{1}{10} \div 2\frac{3}{5} \\ & = \frac{21}{26} \end{aligned}$$

$$\begin{aligned} 10. \quad & 3\frac{1}{2} \div 2\frac{3}{4} \\ & = \frac{14}{11} = 1\frac{3}{11} \end{aligned}$$

$$\begin{aligned} 15. \quad & 1\frac{4}{11} \div 1\frac{1}{4} \\ & = \frac{12}{11} = 1\frac{1}{11} \end{aligned}$$