

Multiplying and Dividing Mixed Fractions (E)

Find the value of each expression in lowest terms.

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

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

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

2. $1\frac{11}{12} \div 1\frac{1}{9}$

7. $2\frac{6}{7} \div 1\frac{1}{9}$

12. $3\frac{5}{6} \times 2\frac{1}{4}$

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

8. $2\frac{1}{4} \div 1\frac{5}{8}$

13. $1\frac{7}{12} \times 1\frac{1}{4}$

4. $1\frac{1}{11} \div 1\frac{1}{3}$

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

14. $5\frac{1}{2} \div 1\frac{2}{7}$

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

10. $2\frac{1}{3} \div 2\frac{5}{9}$

15. $1\frac{3}{11} \div 1\frac{1}{2}$

Multiplying and Dividing Mixed Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 4\frac{4}{5} \times 1\frac{1}{2} \\ & = \frac{36}{5} = 7\frac{1}{5} \end{aligned}$$

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

$$\begin{aligned} 11. \quad & 1\frac{1}{3} \div 1\frac{2}{7} \\ & = \frac{28}{27} = 1\frac{1}{27} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{11}{12} \div 1\frac{1}{9} \\ & = \frac{69}{40} = 1\frac{29}{40} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{6}{7} \div 1\frac{1}{9} \\ & = \frac{18}{7} = 2\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 12. \quad & 3\frac{5}{6} \times 2\frac{1}{4} \\ & = \frac{69}{8} = 8\frac{5}{8} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 2\frac{1}{4} \div 1\frac{5}{8} \\ & = \frac{18}{13} = 1\frac{5}{13} \end{aligned}$$

$$\begin{aligned} 13. \quad & 1\frac{7}{12} \times 1\frac{1}{4} \\ & = \frac{95}{48} = 1\frac{47}{48} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{11} \div 1\frac{1}{3} \\ & = \frac{9}{11} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{1}{2} \times 3\frac{2}{7} \\ & = \frac{69}{14} = 4\frac{13}{14} \end{aligned}$$

$$\begin{aligned} 14. \quad & 5\frac{1}{2} \div 1\frac{2}{7} \\ & = \frac{77}{18} = 4\frac{5}{18} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{2}{3} \times 1\frac{3}{10} \\ & = \frac{52}{15} = 3\frac{7}{15} \end{aligned}$$

$$\begin{aligned} 10. \quad & 2\frac{1}{3} \div 2\frac{5}{9} \\ & = \frac{21}{23} \end{aligned}$$

$$\begin{aligned} 15. \quad & 1\frac{3}{11} \div 1\frac{1}{2} \\ & = \frac{28}{33} \end{aligned}$$