

Dividing Fractions (A)

Find the value of each expression in lowest terms.

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

5. $1\frac{7}{9} \div 1\frac{2}{9}$

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

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

6. $2\frac{1}{7} \div 2\frac{1}{5}$

10. $2\frac{1}{2} \div 2\frac{2}{7}$

3. $2\frac{1}{2} \div 1\frac{5}{8}$

7. $3\frac{1}{3} \div 8\frac{1}{2}$

11. $1\frac{3}{4} \div 3\frac{1}{2}$

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

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

12. $2\frac{2}{7} \div 6\frac{1}{2}$

Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

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

$$\begin{aligned} 5. \quad 1\frac{7}{9} \div 1\frac{2}{9} \\ = \frac{16}{11} = 1\frac{5}{11} \end{aligned}$$

$$\begin{aligned} 9. \quad 1\frac{2}{3} \div 5\frac{2}{3} \\ = \frac{5}{17} \end{aligned}$$

$$\begin{aligned} 2. \quad 1\frac{2}{7} \div 3\frac{1}{3} \\ = \frac{27}{70} \end{aligned}$$

$$\begin{aligned} 6. \quad 2\frac{1}{7} \div 2\frac{1}{5} \\ = \frac{75}{77} \end{aligned}$$

$$\begin{aligned} 10. \quad 2\frac{1}{2} \div 2\frac{2}{7} \\ = \frac{35}{32} = 1\frac{3}{32} \end{aligned}$$

$$\begin{aligned} 3. \quad 2\frac{1}{2} \div 1\frac{5}{8} \\ = \frac{20}{13} = 1\frac{7}{13} \end{aligned}$$

$$\begin{aligned} 7. \quad 3\frac{1}{3} \div 8\frac{1}{2} \\ = \frac{20}{51} \end{aligned}$$

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

$$\begin{aligned} 4. \quad 2\frac{2}{7} \div 3\frac{1}{4} \\ = \frac{64}{91} \end{aligned}$$

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

$$\begin{aligned} 12. \quad 2\frac{2}{7} \div 6\frac{1}{2} \\ = \frac{32}{91} \end{aligned}$$