

Dividing Fractions (G)

Find the value of each expression in lowest terms.

1. $1\frac{1}{2} \div 1\frac{2}{5} \div 1\frac{4}{7}$

4. $1\frac{1}{10} \div \left(1\frac{3}{5} \div 2\frac{1}{4}\right)$

7. $4\frac{3}{4} \div 3\frac{4}{5} \div 1\frac{9}{10}$

2. $3\frac{4}{5} \div 1\frac{7}{8} \div 1\frac{7}{9}$

5. $1\frac{6}{7} \div 1\frac{2}{3} \div 1\frac{4}{5}$

8. $4\frac{1}{2} \div 6\frac{1}{2} \div 1\frac{2}{7}$

3. $3\frac{1}{2} \div \left(1\frac{5}{7} \div 3\frac{1}{5}\right)$

6. $2\frac{1}{3} \div \left(3\frac{3}{4} \div 2\frac{1}{2}\right)$

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

Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{2} \div 1\frac{2}{5} \div 1\frac{4}{7} \\ & = \frac{15}{22} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{10} \div \left(1\frac{3}{5} \div 2\frac{1}{4}\right) \\ & = \frac{99}{64} = 1\frac{35}{64} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4\frac{3}{4} \div 3\frac{4}{5} \div 1\frac{9}{10} \\ & = \frac{25}{38} \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{4}{5} \div 1\frac{7}{8} \div 1\frac{7}{9} \\ & = \frac{57}{50} = 1\frac{7}{50} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{6}{7} \div 1\frac{2}{3} \div 1\frac{4}{5} \\ & = \frac{13}{21} \end{aligned}$$

$$\begin{aligned} 8. \quad & 4\frac{1}{2} \div 6\frac{1}{2} \div 1\frac{2}{7} \\ & = \frac{7}{13} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{1}{2} \div \left(1\frac{5}{7} \div 3\frac{1}{5}\right) \\ & = \frac{98}{15} = 6\frac{8}{15} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{3} \div \left(3\frac{3}{4} \div 2\frac{1}{2}\right) \\ & = \frac{14}{9} = 1\frac{5}{9} \end{aligned}$$

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