

Dividing Fractions (B)

Find the value of each expression in lowest terms.

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

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

7. $1\frac{7}{8} \div \left(3\frac{1}{2} \div 2\frac{2}{5}\right)$

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

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

8. $1\frac{5}{8} \div \left(1\frac{3}{4} \div 2\frac{1}{6}\right)$

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

6. $1\frac{1}{3} \div 1\frac{1}{9} \div 2\frac{1}{8}$

9. $1\frac{1}{4} \div \left(1\frac{4}{5} \div 2\frac{1}{5}\right)$

Dividing Fractions (B) Answers

Find the value of each expression in lowest terms.

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

$$\begin{aligned} 4. \quad & 1\frac{1}{4} \div 3\frac{1}{3} \div 2\frac{1}{7} \\ & = \frac{7}{40} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{7}{8} \div \left(3\frac{1}{2} \div 2\frac{2}{5} \right) \\ & = \frac{9}{7} = 1\frac{2}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{7}{8} \div 3\frac{1}{3} \div 1\frac{5}{8} \\ & = \frac{9}{26} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{1}{2} \div 3\frac{1}{5} \div 3\frac{3}{5} \\ & = \frac{25}{64} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{5}{8} \div \left(1\frac{3}{4} \div 2\frac{1}{6} \right) \\ & = \frac{169}{84} = 2\frac{1}{84} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{1}{2} \div 2\frac{1}{4} \div 2\frac{1}{4} \\ & = \frac{8}{27} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{3} \div 1\frac{1}{9} \div 2\frac{1}{8} \\ & = \frac{48}{85} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{1}{4} \div \left(1\frac{4}{5} \div 2\frac{1}{5} \right) \\ & = \frac{55}{36} = 1\frac{19}{36} \end{aligned}$$