

Dividing Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{13}{10} \div \frac{1}{4} \div \frac{14}{5}$

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

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

2. $\frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7} \right)$

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

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

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

6. $\frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9} \right)$

9. $\frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4} \right)$

Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{13}{10} \div \frac{1}{4} \div \frac{14}{5} \\ & = \frac{13}{7} = 1\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4} \\ & = \frac{4}{17} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{10}{9} \div \frac{7}{9} \div \frac{3}{4} \\ & = \frac{40}{21} = 1\frac{19}{21} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7} \right) \\ & = \frac{52}{33} = 1\frac{19}{33} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2} \\ & = \frac{27}{7} = 3\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3} \\ & = \frac{4}{45} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & \frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9} \right) \\ & = \frac{25}{3} = 8\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4} \right) \\ & = \frac{39}{32} = 1\frac{7}{32} \end{aligned}$$