

## Dividing Fractions (H)

Find the value of each expression in lowest terms.

1.  $1\frac{7}{10} \div \frac{4}{5} \div \frac{6}{7}$

4.  $\frac{6}{7} \div \left(2\frac{2}{5} \div \frac{1}{10}\right)$

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

2.  $\frac{20}{7} \div \frac{9}{2} \div \frac{2}{5}$

5.  $\frac{17}{2} \div \left(6\frac{2}{3} \div 1\frac{1}{4}\right)$

8.  $\frac{2}{5} \div \left(\frac{4}{3} \div \frac{19}{6}\right)$

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

6.  $9\frac{1}{2} \div \frac{5}{2} \div \frac{15}{7}$

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

## Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{7}{10} \div \frac{4}{5} \div \frac{6}{7} \\ & = \frac{119}{48} = 2\frac{23}{48} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{6}{7} \div \left( 2\frac{2}{5} \div \frac{1}{10} \right) \\ & = \frac{1}{28} \end{aligned}$$

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

$$\begin{aligned} 2. \quad & \frac{20}{7} \div \frac{9}{2} \div \frac{2}{5} \\ & = \frac{100}{63} = 1\frac{37}{63} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{17}{2} \div \left( 6\frac{2}{3} \div 1\frac{1}{4} \right) \\ & = \frac{51}{32} = 1\frac{19}{32} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{2}{5} \div \left( \frac{4}{3} \div \frac{19}{6} \right) \\ & = \frac{19}{20} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{1}{3} \div \frac{1}{4} \div \frac{2}{3} \\ & = 14 \end{aligned}$$

$$\begin{aligned} 6. \quad & 9\frac{1}{2} \div \frac{5}{2} \div \frac{15}{7} \\ & = \frac{133}{75} = 1\frac{58}{75} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{5} \div \frac{3}{7} \div \frac{3}{8} \\ & = \frac{56}{15} = 3\frac{11}{15} \end{aligned}$$