

Dividing Fractions (G)

Find the value of each expression in lowest terms.

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

$$4. \frac{16}{7} \div \left(2\frac{1}{6} \div \frac{1}{2} \right)$$

$$7. 1\frac{4}{5} \div \left(\frac{15}{2} \div \frac{13}{9} \right)$$

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

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

$$8. \frac{15}{2} \div \left(\frac{15}{2} \div \frac{1}{10} \right)$$

$$3. \frac{1}{4} \div \left(\frac{11}{9} \div 3\frac{2}{3} \right)$$

$$6. 2\frac{1}{5} \div 1\frac{2}{9} \div 1\frac{3}{5}$$

$$9. \frac{3}{10} \div 3\frac{2}{5} \div \frac{1}{3}$$

Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{4} \div \frac{1}{3} \div \frac{3}{10} \\ & = \frac{15}{2} = 7\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{16}{7} \div \left(2\frac{1}{6} \div \frac{1}{2} \right) \\ & = \frac{48}{91} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{4}{5} \div \left(\frac{15}{2} \div \frac{13}{9} \right) \\ & = \frac{26}{75} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{1}{6} \div \frac{3}{4} \div 1\frac{3}{4} \\ & = \frac{104}{63} = 1\frac{41}{63} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{2}{3} \div \left(\frac{5}{8} \div \frac{7}{3} \right) \\ & = \frac{56}{9} = 6\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{15}{2} \div \left(\frac{15}{2} \div \frac{1}{10} \right) \\ & = \frac{1}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{4} \div \left(\frac{11}{9} \div 3\frac{2}{3} \right) \\ & = \frac{3}{4} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{5} \div 1\frac{2}{9} \div 1\frac{3}{5} \\ & = \frac{9}{8} = 1\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{10} \div 3\frac{2}{5} \div \frac{1}{3} \\ & = \frac{9}{34} \end{aligned}$$