

Dividing Fractions (I)

Find the value of each expression in lowest terms.

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

$$4. \frac{2}{5} \div 1\frac{3}{10} \div 2\frac{2}{9}$$

$$7. \frac{10}{3} \div \left(\frac{1}{7} \div \frac{4}{5} \right)$$

$$2. \frac{4}{5} \div \frac{7}{10} \div \frac{5}{2}$$

$$5. \frac{10}{3} \div \frac{1}{2} \div \frac{4}{7}$$

$$8. \frac{17}{3} \div \frac{5}{4} \div \frac{1}{3}$$

$$3. \frac{5}{2} \div \frac{8}{3} \div \frac{6}{7}$$

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

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

Dividing Fractions (I) Answers

Find the value of each expression in lowest terms.

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

$$\begin{aligned} 4. \quad & \frac{2}{5} \div 1\frac{3}{10} \div 2\frac{2}{9} \\ & = \frac{9}{65} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{10}{3} \div \left(\frac{1}{7} \div \frac{4}{5} \right) \\ & = \frac{56}{3} = 18\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{4}{5} \div \frac{7}{10} \div \frac{5}{2} \\ & = \frac{16}{35} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{10}{3} \div \frac{1}{2} \div \frac{4}{7} \\ & = \frac{35}{3} = 11\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{17}{3} \div \frac{5}{4} \div \frac{1}{3} \\ & = \frac{68}{5} = 13\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{5}{2} \div \frac{8}{3} \div \frac{6}{7} \\ & = \frac{35}{32} = 1\frac{3}{32} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{19}{3} \div \left(2\frac{5}{6} \div 3\frac{2}{5} \right) \\ & = \frac{38}{5} = 7\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{5}{2} \div 1\frac{5}{6} \div \frac{1}{2} \\ & = \frac{30}{11} = 2\frac{8}{11} \end{aligned}$$