

Dividing Fractions (C)

Find the value of each expression in lowest terms.

$$1. 2\frac{3}{5} \div \left(\frac{9}{4} \div \frac{5}{8} \right)$$

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

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

$$2. \frac{1}{5} \div \left(1\frac{3}{8} \div \frac{11}{6} \right)$$

$$5. \frac{2}{9} \div \frac{2}{3} \div 2\frac{6}{7}$$

$$8. \frac{15}{8} \div \left(\frac{18}{5} \div \frac{2}{5} \right)$$

$$3. \frac{8}{9} \div \frac{5}{2} \div \frac{7}{10}$$

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

$$9. \frac{5}{7} \div \left(\frac{8}{9} \div \frac{2}{3} \right)$$

Dividing Fractions (C) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{3}{5} \div \left(\frac{9}{4} \div \frac{5}{8} \right) \\ & = \frac{13}{18} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & \frac{1}{6} \div \left(2\frac{6}{7} \div \frac{3}{2} \right) \\ & = \frac{7}{80} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{5} \div \left(1\frac{3}{8} \div \frac{11}{6} \right) \\ & = \frac{4}{15} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{2}{9} \div \frac{2}{3} \div 2\frac{6}{7} \\ & = \frac{7}{60} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{15}{8} \div \left(\frac{18}{5} \div \frac{2}{5} \right) \\ & = \frac{5}{24} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{8}{9} \div \frac{5}{2} \div \frac{7}{10} \\ & = \frac{32}{63} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{2} \div \left(\frac{5}{7} \div 1\frac{1}{2} \right) \\ & = \frac{21}{20} = 1\frac{1}{20} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{5}{7} \div \left(\frac{8}{9} \div \frac{2}{3} \right) \\ & = \frac{15}{28} \end{aligned}$$