

Dividing Fractions (D)

Find the value of each expression in lowest terms.

$$1. \frac{5}{3} \div \left(\frac{4}{7} \div \frac{18}{7} \right)$$

$$4. \frac{1}{4} \div \frac{19}{9} \div \frac{5}{8}$$

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

$$2. \frac{7}{8} \div 1\frac{3}{5} \div \frac{5}{4}$$

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

$$8. \frac{1}{2} \div \frac{4}{5} \div \frac{10}{3}$$

$$3. \frac{11}{4} \div \left(\frac{19}{4} \div \frac{5}{3} \right)$$

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

$$9. \frac{2}{9} \div \left(1\frac{4}{5} \div \frac{18}{5} \right)$$

Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{5}{3} \div \left(\frac{4}{7} \div \frac{18}{7} \right) \\ & = \frac{15}{2} = 7\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{1}{4} \div \frac{19}{9} \div \frac{5}{8} \\ & = \frac{18}{95} \end{aligned}$$

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

$$\begin{aligned} 2. \quad & \frac{7}{8} \div 1\frac{3}{5} \div \frac{5}{4} \\ & = \frac{7}{16} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{7}{9} \div \frac{1}{2} \div 2\frac{1}{2} \\ & = \frac{64}{45} = 1\frac{19}{45} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{1}{2} \div \frac{4}{5} \div \frac{10}{3} \\ & = \frac{3}{16} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{11}{4} \div \left(\frac{19}{4} \div \frac{5}{3} \right) \\ & = \frac{55}{57} \end{aligned}$$

$$\begin{aligned} 6. \quad & 3\frac{1}{5} \div \left(5\frac{2}{3} \div 2\frac{1}{4} \right) \\ & = \frac{108}{85} = 1\frac{23}{85} \end{aligned}$$

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