

Dividing Fractions (D)

Find the value of each expression in lowest terms.

$$1. \frac{1}{2} \div \frac{8}{3} \div \frac{11}{8}$$

$$4. 3 \div \frac{11}{2} \div \frac{15}{8}$$

$$7. 2 \div \left(\frac{16}{9} \div \frac{9}{2} \right)$$

$$2. \frac{11}{6} \div \left(\frac{15}{8} \div \frac{1}{2} \right)$$

$$5. \frac{13}{10} \div \frac{8}{5} \div \frac{3}{7}$$

$$8. \frac{4}{5} \div \left(\frac{4}{5} \div \frac{7}{9} \right)$$

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

$$6. \frac{1}{6} \div \frac{14}{9} \div \frac{15}{2}$$

$$9. \frac{5}{3} \div \left(\frac{10}{7} \div \frac{8}{3} \right)$$

Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{1}{2} \div \frac{8}{3} \div \frac{11}{8} \\ & = \frac{3}{22} \end{aligned}$$

$$\begin{aligned} 4. \quad & 3 \div \frac{11}{2} \div \frac{15}{8} \\ & = \frac{16}{55} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2 \div \left(\frac{16}{9} \div \frac{9}{2} \right) \\ & = \frac{81}{16} = 5\frac{1}{16} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{11}{6} \div \left(\frac{15}{8} \div \frac{1}{2} \right) \\ & = \frac{22}{45} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{13}{10} \div \frac{8}{5} \div \frac{3}{7} \\ & = \frac{91}{48} = 1\frac{43}{48} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{4}{5} \div \left(\frac{4}{5} \div \frac{7}{9} \right) \\ & = \frac{7}{9} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{4} \div \frac{3}{5} \div \frac{1}{5} \\ & = \frac{25}{12} = 2\frac{1}{12} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{6} \div \frac{14}{9} \div \frac{15}{2} \\ & = \frac{1}{70} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{5}{3} \div \left(\frac{10}{7} \div \frac{8}{3} \right) \\ & = \frac{28}{9} = 3\frac{1}{9} \end{aligned}$$