

Dividing Fractions (D)

Find the value of each expression in lowest terms.

$$1. \frac{13}{10} \div \frac{2}{3} \div \frac{9}{4}$$

$$4. \frac{5}{4} \div \frac{3}{2} \div \frac{11}{8}$$

$$7. \frac{13}{9} \div \frac{13}{6} \div \frac{9}{7}$$

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

$$5. \frac{4}{3} \div \frac{7}{3} \div \frac{7}{4}$$

$$8. \frac{3}{2} \div \left(\frac{7}{2} \div \frac{1}{9} \right)$$

$$3. \frac{2}{5} \div \left(\frac{10}{7} \div \frac{5}{4} \right)$$

$$6. \frac{4}{5} \div \left(\frac{17}{7} \div \frac{1}{2} \right)$$

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

Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{13}{10} \div \frac{2}{3} \div \frac{9}{4} \\ & = \frac{13}{15} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{5}{4} \div \frac{3}{2} \div \frac{11}{8} \\ & = \frac{20}{33} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{13}{9} \div \frac{13}{6} \div \frac{9}{7} \\ & = \frac{14}{27} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} \div \left(\frac{3}{5} \div \frac{2}{3} \right) \\ & = \frac{10}{27} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{4}{3} \div \frac{7}{3} \div \frac{7}{4} \\ & = \frac{16}{49} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{3}{2} \div \left(\frac{7}{2} \div \frac{1}{9} \right) \\ & = \frac{1}{21} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{2}{5} \div \left(\frac{10}{7} \div \frac{5}{4} \right) \\ & = \frac{7}{20} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{4}{5} \div \left(\frac{17}{7} \div \frac{1}{2} \right) \\ & = \frac{14}{85} \end{aligned}$$

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