

Dividing Fractions (J)

Find the value of each expression in lowest terms.

$$1. \frac{3}{5} \div \frac{4}{5} \div \frac{20}{9}$$

$$4. \frac{13}{9} \div \left(\frac{7}{2} \div \frac{3}{2} \right)$$

$$7. \frac{10}{3} \div \left(\frac{5}{2} \div \frac{1}{2} \right)$$

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

$$5. \frac{17}{10} \div \frac{13}{5} \div \frac{5}{2}$$

$$8. \frac{1}{6} \div \left(\frac{15}{7} \div \frac{15}{8} \right)$$

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

$$6. \frac{5}{7} \div \left(\frac{4}{5} \div \frac{2}{3} \right)$$

$$9. \frac{2}{5} \div \frac{4}{5} \div \frac{5}{6}$$

Dividing Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{5} \div \frac{4}{5} \div \frac{20}{9} \\ & = \frac{27}{80} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{13}{9} \div \left(\frac{7}{2} \div \frac{3}{2} \right) \\ & = \frac{13}{21} \end{aligned}$$

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

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

$$\begin{aligned} 5. \quad & \frac{17}{10} \div \frac{13}{5} \div \frac{5}{2} \\ & = \frac{17}{65} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{1}{6} \div \left(\frac{15}{7} \div \frac{15}{8} \right) \\ & = \frac{7}{48} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & \frac{5}{7} \div \left(\frac{4}{5} \div \frac{2}{3} \right) \\ & = \frac{25}{42} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{2}{5} \div \frac{4}{5} \div \frac{5}{6} \\ & = \frac{3}{5} \end{aligned}$$