

Dividing Fractions (F)

Find the value of each expression in lowest terms.

$$1. \frac{3}{5} \div \left(\frac{13}{3} \div \frac{5}{7} \right)$$

$$4. \frac{1}{2} \div \frac{7}{9} \div \frac{5}{4}$$

$$7. \frac{1}{2} \div \left(\frac{11}{8} \div \frac{3}{2} \right)$$

$$2. \frac{6}{5} \div \frac{9}{5} \div \frac{4}{3}$$

$$5. \frac{10}{7} \div \frac{5}{7} \div \frac{7}{2}$$

$$8. \frac{14}{5} \div \left(\frac{8}{5} \div \frac{2}{5} \right)$$

$$3. \frac{3}{4} \div \frac{3}{4} \div \frac{19}{8}$$

$$6. \frac{1}{3} \div \left(\frac{16}{3} \div \frac{13}{2} \right)$$

$$9. \frac{9}{4} \div \left(\frac{13}{2} \div \frac{14}{5} \right)$$

Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{5} \div \left(\frac{13}{3} \div \frac{5}{7} \right) \\ & = \frac{9}{91} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{1}{2} \div \frac{7}{9} \div \frac{5}{4} \\ & = \frac{18}{35} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{2} \div \left(\frac{11}{8} \div \frac{3}{2} \right) \\ & = \frac{6}{11} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{6}{5} \div \frac{9}{5} \div \frac{4}{3} \\ & = \frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & \frac{14}{5} \div \left(\frac{8}{5} \div \frac{2}{5} \right) \\ & = \frac{7}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{3}{4} \div \frac{3}{4} \div \frac{19}{8} \\ & = \frac{8}{19} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{3} \div \left(\frac{16}{3} \div \frac{13}{2} \right) \\ & = \frac{13}{32} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{9}{4} \div \left(\frac{13}{2} \div \frac{14}{5} \right) \\ & = \frac{63}{65} \end{aligned}$$