

Dividing Fractions (B)

Find the value of each expression in lowest terms.

$$1. \frac{9}{8} \div \left(\frac{12}{7} \div \frac{1}{9} \right)$$

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

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

$$2. \frac{1}{7} \div \frac{5}{7} \div \frac{20}{3}$$

$$5. \frac{9}{10} \div \left(\frac{9}{4} \div \frac{16}{9} \right)$$

$$8. \frac{9}{7} \div \left(\frac{14}{5} \div \frac{4}{5} \right)$$

$$3. \frac{5}{3} \div \left(\frac{20}{3} \div \frac{11}{10} \right)$$

$$6. \frac{5}{8} \div \frac{5}{9} \div \frac{8}{5}$$

$$9. \frac{6}{5} \div \frac{3}{2} \div \frac{11}{9}$$

Dividing Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{9}{8} \div \left(\frac{12}{7} \div \frac{1}{9} \right) \\ & = \frac{7}{96} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{3}{2} \div \frac{9}{5} \div \frac{4}{3} \\ & = \frac{5}{8} \end{aligned}$$

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

$$\begin{aligned} 2. \quad & \frac{1}{7} \div \frac{5}{7} \div \frac{20}{3} \\ & = \frac{3}{100} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{9}{10} \div \left(\frac{9}{4} \div \frac{16}{9} \right) \\ & = \frac{32}{45} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{9}{7} \div \left(\frac{14}{5} \div \frac{4}{5} \right) \\ & = \frac{18}{49} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{5}{3} \div \left(\frac{20}{3} \div \frac{11}{10} \right) \\ & = \frac{11}{40} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{5}{8} \div \frac{5}{9} \div \frac{8}{5} \\ & = \frac{45}{64} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{6}{5} \div \frac{3}{2} \div \frac{11}{9} \\ & = \frac{36}{55} \end{aligned}$$