

## Dividing Fractions (A)

Find the value of each expression in lowest terms.

$$1. \frac{1}{4} \div \left( \frac{9}{10} \div \frac{8}{9} \right)$$

$$4. \frac{13}{9} \div \left( \frac{13}{3} \div \frac{16}{7} \right)$$

$$7. \frac{3}{4} \div \frac{9}{2} \div \frac{19}{8}$$

$$2. \frac{9}{7} \div \left( \frac{16}{5} \div \frac{7}{5} \right)$$

$$5. \frac{2}{9} \div \frac{13}{9} \div \frac{7}{5}$$

$$8. \frac{1}{2} \div \frac{3}{2} \div \frac{4}{3}$$

$$3. \frac{4}{3} \div \frac{2}{3} \div \frac{16}{3}$$

$$6. \frac{10}{3} \div \left( \frac{9}{4} \div \frac{3}{7} \right)$$

$$9. \frac{4}{3} \div \frac{5}{3} \div \frac{12}{5}$$

## Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{1}{4} \div \left( \frac{9}{10} \div \frac{8}{9} \right) \\ & = \frac{20}{81} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{13}{9} \div \left( \frac{13}{3} \div \frac{16}{7} \right) \\ & = \frac{16}{21} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{3}{4} \div \frac{9}{2} \div \frac{19}{8} \\ & = \frac{4}{57} \end{aligned}$$

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

$$\begin{aligned} 5. \quad & \frac{2}{9} \div \frac{13}{9} \div \frac{7}{5} \\ & = \frac{10}{91} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{1}{2} \div \frac{3}{2} \div \frac{4}{3} \\ & = \frac{1}{4} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & \frac{10}{3} \div \left( \frac{9}{4} \div \frac{3}{7} \right) \\ & = \frac{40}{63} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{4}{3} \div \frac{5}{3} \div \frac{12}{5} \\ & = \frac{1}{3} \end{aligned}$$