

## Dividing Fractions (H)

Find the value of each expression in lowest terms.

$$1. \frac{8}{5} \div \frac{9}{2} \div \frac{4}{3}$$

$$4. \frac{2}{9} \div \left( \frac{17}{4} \div \frac{3}{2} \right)$$

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

$$2. \frac{8}{3} \div \frac{13}{2} \div \frac{16}{3}$$

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

$$8. \frac{20}{7} \div \left( \frac{3}{2} \div \frac{3}{7} \right)$$

$$3. \frac{2}{5} \div \frac{11}{7} \div \frac{9}{5}$$

$$6. \frac{5}{6} \div \left( \frac{19}{8} \div \frac{1}{5} \right)$$

$$9. \frac{1}{4} \div \left( \frac{11}{5} \div \frac{11}{10} \right)$$

## Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{8}{5} \div \frac{9}{2} \div \frac{4}{3} \\ & = \frac{4}{15} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{2}{9} \div \left( \frac{17}{4} \div \frac{3}{2} \right) \\ & = \frac{4}{51} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{7}{2} \div \frac{5}{3} \div \frac{7}{3} \\ & = \frac{9}{10} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{8}{3} \div \frac{13}{2} \div \frac{16}{3} \\ & = \frac{1}{13} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{7}{2} \div \frac{5}{2} \div \frac{9}{4} \\ & = \frac{28}{45} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{20}{7} \div \left( \frac{3}{2} \div \frac{3}{7} \right) \\ & = \frac{40}{49} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{2}{5} \div \frac{11}{7} \div \frac{9}{5} \\ & = \frac{14}{99} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{5}{6} \div \left( \frac{19}{8} \div \frac{1}{5} \right) \\ & = \frac{4}{57} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{1}{4} \div \left( \frac{11}{5} \div \frac{11}{10} \right) \\ & = \frac{1}{8} \end{aligned}$$