

Dividing Fractions (A)

Find the value of each expression in lowest terms.

$$1. \frac{5}{2} \div \frac{5}{6} \div 1\frac{1}{4}$$

$$4. \frac{13}{2} \div 1\frac{1}{5} \div \frac{5}{2}$$

$$7. \frac{4}{7} \div \left(1\frac{2}{3} \div \frac{1}{2}\right)$$

$$2. \frac{13}{8} \div 1\frac{1}{6} \div \frac{6}{5}$$

$$5. \frac{1}{4} \div 3\frac{1}{3} \div \frac{13}{10}$$

$$8. \frac{17}{4} \div \left(\frac{17}{10} \div \frac{2}{3}\right)$$

$$3. \frac{13}{10} \div \frac{7}{3} \div 1\frac{1}{5}$$

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

$$9. 1\frac{3}{8} \div \frac{1}{6} \div \frac{1}{2}$$

Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{5}{2} \div \frac{5}{6} \div 1\frac{1}{4} \\ & = \frac{12}{5} = 2\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{13}{2} \div 1\frac{1}{5} \div \frac{5}{2} \\ & = \frac{13}{6} = 2\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{4}{7} \div \left(1\frac{2}{3} \div \frac{1}{2}\right) \\ & = \frac{6}{35} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{13}{8} \div 1\frac{1}{6} \div \frac{6}{5} \\ & = \frac{65}{56} = 1\frac{9}{56} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{1}{4} \div 3\frac{1}{3} \div \frac{13}{10} \\ & = \frac{3}{52} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{17}{4} \div \left(\frac{17}{10} \div \frac{2}{3}\right) \\ & = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{13}{10} \div \frac{7}{3} \div 1\frac{1}{5} \\ & = \frac{13}{28} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{5}{6} \div \frac{5}{3} \div 4\frac{2}{3} \\ & = \frac{3}{28} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{8} \div \frac{1}{6} \div \frac{1}{2} \\ & = \frac{33}{2} = 16\frac{1}{2} \end{aligned}$$