

Dividing Fractions

Find the value of each expression in lowest terms.

1. $\frac{1}{7} \div \frac{8}{3}$

5. $1\frac{1}{10} \div 1\frac{4}{7}$

9. $\frac{8}{3} \div \frac{20}{9}$

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

6. $\frac{1}{2} \div 1\frac{3}{7}$

10. $\frac{13}{4} \div \frac{12}{5}$

3. $\frac{19}{9} \div 6\frac{2}{3}$

7. $\frac{17}{4} \div 3\frac{1}{3}$

11. $\frac{1}{3} \div \frac{2}{3}$

4. $\frac{1}{10} \div \frac{1}{6}$

8. $1\frac{4}{9} \div \frac{4}{9}$

12. $\frac{5}{9} \div 2\frac{1}{6}$

Dividing Fractions Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{1}{7} \div \frac{8}{3} \\ & = \frac{3}{56} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{10} \div 1\frac{4}{7} \\ & = \frac{7}{10} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{8}{3} \div \frac{20}{9} \\ & = \frac{6}{5} = 1\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{6} \div \frac{5}{2} \\ & = \frac{1}{15} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{2} \div 1\frac{3}{7} \\ & = \frac{7}{20} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{13}{4} \div \frac{12}{5} \\ & = \frac{65}{48} = 1\frac{17}{48} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{19}{9} \div 6\frac{2}{3} \\ & = \frac{19}{60} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{17}{4} \div 3\frac{1}{3} \\ & = \frac{51}{40} = 1\frac{11}{40} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{1}{3} \div \frac{2}{3} \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{1}{10} \div \frac{1}{6} \\ & = \frac{3}{5} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{4}{9} \div \frac{4}{9} \\ & = \frac{13}{4} = 3\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{5}{9} \div 2\frac{1}{6} \\ & = \frac{10}{39} \end{aligned}$$