

Dividing Fractions (H)

Find the value of each expression in lowest terms.

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

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

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

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

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

10. $1\frac{2}{7} \div 1\frac{3}{10}$

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

7. $2\frac{3}{8} \div 1\frac{5}{7}$

11. $4\frac{1}{4} \div 2\frac{5}{6}$

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

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

12. $5\frac{2}{3} \div 2\frac{2}{3}$

Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{8} \div 1\frac{1}{9} \\ & = \frac{99}{80} = 1\frac{19}{80} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{7} \div 1\frac{1}{2} \\ & = \frac{16}{21} \end{aligned}$$

$$\begin{aligned} 9. \quad & 2\frac{1}{9} \div 2\frac{1}{6} \\ & = \frac{38}{39} \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{1}{2} \div 2\frac{5}{7} \\ & = \frac{49}{38} = 1\frac{11}{38} \end{aligned}$$

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

$$\begin{aligned} 10. \quad & 1\frac{2}{7} \div 1\frac{3}{10} \\ & = \frac{90}{91} \end{aligned}$$

$$\begin{aligned} 3. \quad & 6\frac{1}{3} \div 1\frac{2}{3} \\ & = \frac{19}{5} = 3\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{3}{8} \div 1\frac{5}{7} \\ & = \frac{133}{96} = 1\frac{37}{96} \end{aligned}$$

$$\begin{aligned} 11. \quad & 4\frac{1}{4} \div 2\frac{5}{6} \\ & = \frac{3}{2} = 1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{4}{7} \div 2\frac{4}{5} \\ & = \frac{45}{49} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{5}{8} \div 8\frac{1}{2} \\ & = \frac{13}{68} \end{aligned}$$

$$\begin{aligned} 12. \quad & 5\frac{2}{3} \div 2\frac{2}{3} \\ & = \frac{17}{8} = 2\frac{1}{8} \end{aligned}$$