

Dividing Fractions (E)

Find the value of each expression in lowest terms.

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

5. $3\frac{3}{4} \div 2\frac{6}{7}$

9. $3\frac{1}{5} \div 1\frac{1}{5}$

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

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

10. $4\frac{1}{2} \div 2\frac{2}{7}$

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

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

11. $9\frac{1}{2} \div 2\frac{3}{8}$

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

8. $1\frac{1}{7} \div 2\frac{2}{9}$

12. $1\frac{8}{9} \div 2\frac{2}{3}$

Dividing Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad 7\frac{1}{2} \div 1\frac{3}{5} \\ = \frac{75}{16} = 4\frac{11}{16} \end{aligned}$$

$$\begin{aligned} 5. \quad 3\frac{3}{4} \div 2\frac{6}{7} \\ = \frac{21}{16} = 1\frac{5}{16} \end{aligned}$$

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

$$\begin{aligned} 2. \quad 2\frac{2}{3} \div 2\frac{1}{4} \\ = \frac{32}{27} = 1\frac{5}{27} \end{aligned}$$

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

$$\begin{aligned} 10. \quad 4\frac{1}{2} \div 2\frac{2}{7} \\ = \frac{63}{32} = 1\frac{31}{32} \end{aligned}$$

$$\begin{aligned} 3. \quad 1\frac{1}{2} \div 5\frac{2}{3} \\ = \frac{9}{34} \end{aligned}$$

$$\begin{aligned} 7. \quad 3\frac{1}{3} \div 1\frac{3}{4} \\ = \frac{40}{21} = 1\frac{19}{21} \end{aligned}$$

$$\begin{aligned} 11. \quad 9\frac{1}{2} \div 2\frac{3}{8} \\ = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad 2\frac{5}{6} \div 4\frac{1}{2} \\ = \frac{17}{27} \end{aligned}$$

$$\begin{aligned} 8. \quad 1\frac{1}{7} \div 2\frac{2}{9} \\ = \frac{18}{35} \end{aligned}$$

$$\begin{aligned} 12. \quad 1\frac{8}{9} \div 2\frac{2}{3} \\ = \frac{17}{24} \end{aligned}$$