

Dividing Fractions (J)

Find the value of each expression in lowest terms.

1. $3\frac{1}{2} \div \frac{14}{5}$

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

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

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

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

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

3. $2\frac{1}{4} \div \frac{7}{4}$

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

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

4. $3\frac{4}{5} \div \frac{15}{4}$

8. $\frac{11}{5} \div \frac{1}{6}$

12. $\frac{5}{6} \div \frac{11}{5}$

Dividing Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad 3\frac{1}{2} \div \frac{14}{5} \\ = \frac{5}{4} = 1\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 5. \quad \frac{13}{5} \div \frac{1}{8} \\ = \frac{104}{5} = 20\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 9. \quad \frac{1}{4} \div \frac{8}{5} \\ = \frac{5}{32} \end{aligned}$$

$$\begin{aligned} 2. \quad 2\frac{6}{7} \div \frac{3}{4} \\ = \frac{80}{21} = 3\frac{17}{21} \end{aligned}$$

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

$$\begin{aligned} 10. \quad \frac{1}{4} \div \frac{4}{3} \\ = \frac{3}{16} \end{aligned}$$

$$\begin{aligned} 3. \quad 2\frac{1}{4} \div \frac{7}{4} \\ = \frac{9}{7} = 1\frac{2}{7} \end{aligned}$$

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

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

$$\begin{aligned} 4. \quad 3\frac{4}{5} \div \frac{15}{4} \\ = \frac{76}{75} = 1\frac{1}{75} \end{aligned}$$

$$\begin{aligned} 8. \quad \frac{11}{5} \div \frac{1}{6} \\ = \frac{66}{5} = 13\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 12. \quad \frac{5}{6} \div \frac{11}{5} \\ = \frac{25}{66} \end{aligned}$$