

Dividing Fractions (A)

Find the value of each expression in lowest terms.

1. $9\frac{1}{2} \div 3\frac{1}{3} \div 1\frac{3}{5}$

4. $2\frac{2}{9} \div \left(4\frac{1}{2} \div 4\frac{3}{4}\right)$

7. $1\frac{1}{4} \div 1\frac{3}{10} \div 3\frac{3}{4}$

2. $5\frac{1}{2} \div \left(5\frac{2}{3} \div 1\frac{1}{2}\right)$

5. $1\frac{3}{7} \div \left(3\frac{2}{3} \div 1\frac{3}{8}\right)$

8. $3\frac{3}{4} \div \left(7\frac{1}{2} \div 1\frac{2}{3}\right)$

3. $3\frac{4}{5} \div 3\frac{1}{2} \div 3\frac{1}{5}$

6. $1\frac{3}{5} \div \left(1\frac{3}{4} \div 1\frac{1}{4}\right)$

9. $4\frac{1}{3} \div 1\frac{1}{10} \div 1\frac{1}{3}$

Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 9\frac{1}{2} \div 3\frac{1}{3} \div 1\frac{3}{5} \\ & = \frac{57}{32} = 1\frac{25}{32} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{2}{9} \div \left(4\frac{1}{2} \div 4\frac{3}{4}\right) \\ & = \frac{190}{81} = 2\frac{28}{81} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{1}{4} \div 1\frac{3}{10} \div 3\frac{3}{4} \\ & = \frac{10}{39} \end{aligned}$$

$$\begin{aligned} 2. \quad & 5\frac{1}{2} \div \left(5\frac{2}{3} \div 1\frac{1}{2}\right) \\ & = \frac{99}{68} = 1\frac{31}{68} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{3}{7} \div \left(3\frac{2}{3} \div 1\frac{3}{8}\right) \\ & = \frac{15}{28} \end{aligned}$$

$$\begin{aligned} 8. \quad & 3\frac{3}{4} \div \left(7\frac{1}{2} \div 1\frac{2}{3}\right) \\ & = \frac{5}{6} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{4}{5} \div 3\frac{1}{2} \div 3\frac{1}{5} \\ & = \frac{19}{56} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{3}{5} \div \left(1\frac{3}{4} \div 1\frac{1}{4}\right) \\ & = \frac{8}{7} = 1\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 9. \quad & 4\frac{1}{3} \div 1\frac{1}{10} \div 1\frac{1}{3} \\ & = \frac{65}{22} = 2\frac{21}{22} \end{aligned}$$

Dividing Fractions (B)

Find the value of each expression in lowest terms.

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

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

7. $1\frac{7}{8} \div \left(3\frac{1}{2} \div 2\frac{2}{5}\right)$

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

5. $4\frac{1}{2} \div 3\frac{1}{5} \div 3\frac{3}{5}$

8. $1\frac{5}{8} \div \left(1\frac{3}{4} \div 2\frac{1}{6}\right)$

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

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

9. $1\frac{1}{4} \div \left(1\frac{4}{5} \div 2\frac{1}{5}\right)$

Dividing Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{5} \div 2\frac{2}{7} \div 1\frac{1}{2} \\ & = \frac{7}{15} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{4} \div 3\frac{1}{3} \div 2\frac{1}{7} \\ & = \frac{7}{40} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{7}{8} \div \left(3\frac{1}{2} \div 2\frac{2}{5} \right) \\ & = \frac{9}{7} = 1\frac{2}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{7}{8} \div 3\frac{1}{3} \div 1\frac{5}{8} \\ & = \frac{9}{26} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{1}{2} \div 3\frac{1}{5} \div 3\frac{3}{5} \\ & = \frac{25}{64} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{5}{8} \div \left(1\frac{3}{4} \div 2\frac{1}{6} \right) \\ & = \frac{169}{84} = 2\frac{1}{84} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{1}{2} \div 2\frac{1}{4} \div 2\frac{1}{4} \\ & = \frac{8}{27} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{3} \div 1\frac{1}{9} \div 2\frac{1}{8} \\ & = \frac{48}{85} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{1}{4} \div \left(1\frac{4}{5} \div 2\frac{1}{5} \right) \\ & = \frac{55}{36} = 1\frac{19}{36} \end{aligned}$$

Dividing Fractions (C)

Find the value of each expression in lowest terms.

1. $3\frac{1}{5} \div 3\frac{4}{5} \div 2\frac{2}{3}$

4. $3\frac{1}{2} \div \left(3\frac{4}{5} \div 1\frac{3}{7}\right)$

7. $2\frac{3}{7} \div 1\frac{1}{9} \div 1\frac{2}{7}$

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

5. $4\frac{3}{4} \div 1\frac{4}{5} \div 1\frac{5}{9}$

8. $8\frac{1}{2} \div \left(2\frac{1}{2} \div 7\frac{1}{2}\right)$

3. $1\frac{9}{10} \div 3\frac{4}{5} \div 1\frac{3}{10}$

6. $2\frac{1}{7} \div \left(2\frac{1}{4} \div 1\frac{2}{3}\right)$

9. $1\frac{1}{3} \div \left(1\frac{1}{2} \div 2\frac{1}{2}\right)$

Dividing Fractions (C) Answers

Find the value of each expression in lowest terms.

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

$$\begin{aligned} 4. \quad & 3\frac{1}{2} \div \left(3\frac{4}{5} \div 1\frac{3}{7} \right) \\ & = \frac{25}{19} = 1\frac{6}{19} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{3}{7} \div 1\frac{1}{9} \div 1\frac{2}{7} \\ & = \frac{17}{10} = 1\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{1}{5} \div 1\frac{2}{3} \div 1\frac{2}{7} \\ & = \frac{112}{75} = 1\frac{37}{75} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{3}{4} \div 1\frac{4}{5} \div 1\frac{5}{9} \\ & = \frac{95}{56} = 1\frac{39}{56} \end{aligned}$$

$$\begin{aligned} 8. \quad & 8\frac{1}{2} \div \left(2\frac{1}{2} \div 7\frac{1}{2} \right) \\ & = \frac{51}{2} = 25\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{9}{10} \div 3\frac{4}{5} \div 1\frac{3}{10} \\ & = \frac{5}{13} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{7} \div \left(2\frac{1}{4} \div 1\frac{2}{3} \right) \\ & = \frac{100}{63} = 1\frac{37}{63} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{1}{3} \div \left(1\frac{1}{2} \div 2\frac{1}{2} \right) \\ & = \frac{20}{9} = 2\frac{2}{9} \end{aligned}$$

Dividing Fractions (D)

Find the value of each expression in lowest terms.

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

4. $2\frac{2}{9} \div 1\frac{3}{4} \div 1\frac{3}{7}$

7. $1\frac{1}{10} \div \left(1\frac{9}{10} \div 3\frac{3}{4}\right)$

2. $1\frac{4}{7} \div 1\frac{1}{10} \div 1\frac{1}{3}$

5. $2\frac{1}{4} \div \left(2\frac{1}{2} \div 1\frac{4}{5}\right)$

8. $1\frac{1}{5} \div \left(2\frac{2}{5} \div 3\frac{1}{2}\right)$

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

6. $2\frac{2}{3} \div 6\frac{1}{3} \div 2\frac{2}{5}$

9. $1\frac{4}{5} \div \left(2\frac{4}{5} \div 4\frac{1}{2}\right)$

Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{1}{2} \div 1\frac{1}{9} \div 1\frac{1}{8} \\ & = \frac{14}{5} = 2\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{2}{9} \div 1\frac{3}{4} \div 1\frac{3}{7} \\ & = \frac{8}{9} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{1}{10} \div \left(1\frac{9}{10} \div 3\frac{3}{4}\right) \\ & = \frac{165}{76} = 2\frac{13}{76} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{4}{7} \div 1\frac{1}{10} \div 1\frac{1}{3} \\ & = \frac{15}{14} = 1\frac{1}{14} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{1}{4} \div \left(2\frac{1}{2} \div 1\frac{4}{5}\right) \\ & = \frac{81}{50} = 1\frac{31}{50} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{1}{5} \div \left(2\frac{2}{5} \div 3\frac{1}{2}\right) \\ & = \frac{7}{4} = 1\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{1}{2} \div 1\frac{2}{7} \div 4\frac{1}{2} \\ & = \frac{35}{81} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{2}{3} \div 6\frac{1}{3} \div 2\frac{2}{5} \\ & = \frac{10}{57} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{4}{5} \div \left(2\frac{4}{5} \div 4\frac{1}{2}\right) \\ & = \frac{81}{28} = 2\frac{25}{28} \end{aligned}$$

Dividing Fractions (E)

Find the value of each expression in lowest terms.

1. $1\frac{1}{3} \div \left(1\frac{1}{10} \div 1\frac{4}{5}\right)$

4. $2\frac{1}{2} \div \left(3\frac{1}{6} \div 1\frac{1}{6}\right)$

7. $2\frac{2}{9} \div \left(3\frac{1}{2} \div 4\frac{2}{3}\right)$

2. $1\frac{1}{7} \div \left(2\frac{2}{3} \div 5\frac{1}{2}\right)$

5. $1\frac{1}{2} \div 1\frac{8}{9} \div 3\frac{3}{4}$

8. $1\frac{1}{5} \div \left(3\frac{3}{5} \div 1\frac{1}{5}\right)$

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

6. $1\frac{3}{8} \div \left(2\frac{1}{4} \div 1\frac{2}{3}\right)$

9. $2\frac{1}{2} \div 2\frac{1}{2} \div 1\frac{3}{7}$

Dividing Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{3} \div \left(1\frac{1}{10} \div 1\frac{4}{5}\right) \\ & = \frac{24}{11} = 2\frac{2}{11} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{1}{2} \div \left(3\frac{1}{6} \div 1\frac{1}{6}\right) \\ & = \frac{35}{38} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{2}{9} \div \left(3\frac{1}{2} \div 4\frac{2}{3}\right) \\ & = \frac{80}{27} = 2\frac{26}{27} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{1}{7} \div \left(2\frac{2}{3} \div 5\frac{1}{2}\right) \\ & = \frac{33}{14} = 2\frac{5}{14} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{2} \div 1\frac{8}{9} \div 3\frac{3}{4} \\ & = \frac{18}{85} \end{aligned}$$

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

$$\begin{aligned} 3. \quad & 1\frac{1}{2} \div 1\frac{1}{6} \div 1\frac{2}{9} \\ & = \frac{81}{77} = 1\frac{4}{77} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{3}{8} \div \left(2\frac{1}{4} \div 1\frac{2}{3}\right) \\ & = \frac{55}{54} = 1\frac{1}{54} \end{aligned}$$

$$\begin{aligned} 9. \quad & 2\frac{1}{2} \div 2\frac{1}{2} \div 1\frac{3}{7} \\ & = \frac{7}{10} \end{aligned}$$

Dividing Fractions (F)

Find the value of each expression in lowest terms.

1. $1\frac{1}{9} \div \left(2\frac{1}{4} \div 1\frac{1}{4}\right)$

4. $3\frac{4}{5} \div 1\frac{1}{2} \div 2\frac{3}{8}$

7. $8\frac{1}{2} \div \left(2\frac{1}{2} \div 3\frac{1}{2}\right)$

2. $3\frac{1}{3} \div 1\frac{7}{9} \div 1\frac{3}{8}$

5. $2\frac{1}{2} \div \left(2\frac{1}{9} \div 1\frac{1}{2}\right)$

8. $2\frac{5}{6} \div 3\frac{1}{3} \div 1\frac{3}{4}$

3. $2\frac{1}{5} \div \left(5\frac{1}{2} \div 2\frac{1}{9}\right)$

6. $2\frac{1}{4} \div \left(3\frac{3}{5} \div 1\frac{5}{7}\right)$

9. $1\frac{7}{10} \div 4\frac{1}{4} \div 1\frac{4}{7}$

Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{9} \div \left(2\frac{1}{4} \div 1\frac{1}{4} \right) \\ & = \frac{50}{81} \end{aligned}$$

$$\begin{aligned} 4. \quad & 3\frac{4}{5} \div 1\frac{1}{2} \div 2\frac{3}{8} \\ & = \frac{16}{15} = 1\frac{1}{15} \end{aligned}$$

$$\begin{aligned} 7. \quad & 8\frac{1}{2} \div \left(2\frac{1}{2} \div 3\frac{1}{2} \right) \\ & = \frac{119}{10} = 11\frac{9}{10} \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{1}{3} \div 1\frac{7}{9} \div 1\frac{3}{8} \\ & = \frac{15}{11} = 1\frac{4}{11} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{1}{2} \div \left(2\frac{1}{9} \div 1\frac{1}{2} \right) \\ & = \frac{135}{76} = 1\frac{59}{76} \end{aligned}$$

$$\begin{aligned} 8. \quad & 2\frac{5}{6} \div 3\frac{1}{3} \div 1\frac{3}{4} \\ & = \frac{17}{35} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{1}{5} \div \left(5\frac{1}{2} \div 2\frac{1}{9} \right) \\ & = \frac{38}{45} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{4} \div \left(3\frac{3}{5} \div 1\frac{5}{7} \right) \\ & = \frac{15}{14} = 1\frac{1}{14} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{7}{10} \div 4\frac{1}{4} \div 1\frac{4}{7} \\ & = \frac{14}{55} \end{aligned}$$

Dividing Fractions (G)

Find the value of each expression in lowest terms.

1. $1\frac{1}{2} \div 1\frac{2}{5} \div 1\frac{4}{7}$

4. $1\frac{1}{10} \div \left(1\frac{3}{5} \div 2\frac{1}{4}\right)$

7. $4\frac{3}{4} \div 3\frac{4}{5} \div 1\frac{9}{10}$

2. $3\frac{4}{5} \div 1\frac{7}{8} \div 1\frac{7}{9}$

5. $1\frac{6}{7} \div 1\frac{2}{3} \div 1\frac{4}{5}$

8. $4\frac{1}{2} \div 6\frac{1}{2} \div 1\frac{2}{7}$

3. $3\frac{1}{2} \div \left(1\frac{5}{7} \div 3\frac{1}{5}\right)$

6. $2\frac{1}{3} \div \left(3\frac{3}{4} \div 2\frac{1}{2}\right)$

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

Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{2} \div 1\frac{2}{5} \div 1\frac{4}{7} \\ & = \frac{15}{22} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{10} \div \left(1\frac{3}{5} \div 2\frac{1}{4}\right) \\ & = \frac{99}{64} = 1\frac{35}{64} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4\frac{3}{4} \div 3\frac{4}{5} \div 1\frac{9}{10} \\ & = \frac{25}{38} \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{4}{5} \div 1\frac{7}{8} \div 1\frac{7}{9} \\ & = \frac{57}{50} = 1\frac{7}{50} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{6}{7} \div 1\frac{2}{3} \div 1\frac{4}{5} \\ & = \frac{13}{21} \end{aligned}$$

$$\begin{aligned} 8. \quad & 4\frac{1}{2} \div 6\frac{1}{2} \div 1\frac{2}{7} \\ & = \frac{7}{13} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{1}{2} \div \left(1\frac{5}{7} \div 3\frac{1}{5}\right) \\ & = \frac{98}{15} = 6\frac{8}{15} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{3} \div \left(3\frac{3}{4} \div 2\frac{1}{2}\right) \\ & = \frac{14}{9} = 1\frac{5}{9} \end{aligned}$$

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

Dividing Fractions (H)

Find the value of each expression in lowest terms.

1. $2\frac{3}{5} \div \left(3\frac{1}{3} \div 1\frac{1}{4}\right)$

4. $2\frac{3}{4} \div 3\frac{1}{3} \div 3\frac{3}{5}$

7. $1\frac{2}{3} \div \left(1\frac{5}{6} \div 2\frac{3}{4}\right)$

2. $8\frac{1}{2} \div \left(2\frac{2}{3} \div 4\frac{2}{3}\right)$

5. $1\frac{8}{9} \div \left(1\frac{5}{9} \div 1\frac{1}{9}\right)$

8. $4\frac{1}{4} \div \left(1\frac{7}{10} \div 2\frac{3}{8}\right)$

3. $2\frac{3}{5} \div \left(1\frac{1}{2} \div 1\frac{1}{2}\right)$

6. $2\frac{1}{5} \div 1\frac{1}{5} \div 1\frac{5}{7}$

9. $2\frac{1}{5} \div \left(1\frac{3}{5} \div 1\frac{1}{10}\right)$

Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{3}{5} \div \left(3\frac{1}{3} \div 1\frac{1}{4} \right) \\ & = \frac{39}{40} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{3}{4} \div 3\frac{1}{3} \div 3\frac{3}{5} \\ & = \frac{11}{48} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{2}{3} \div \left(1\frac{5}{6} \div 2\frac{3}{4} \right) \\ & = \frac{5}{2} = 2\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 2. \quad & 8\frac{1}{2} \div \left(2\frac{2}{3} \div 4\frac{2}{3} \right) \\ & = \frac{119}{8} = 14\frac{7}{8} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{8}{9} \div \left(1\frac{5}{9} \div 1\frac{1}{9} \right) \\ & = \frac{85}{63} = 1\frac{22}{63} \end{aligned}$$

$$\begin{aligned} 8. \quad & 4\frac{1}{4} \div \left(1\frac{7}{10} \div 2\frac{3}{8} \right) \\ & = \frac{95}{16} = 5\frac{15}{16} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{3}{5} \div \left(1\frac{1}{2} \div 1\frac{1}{2} \right) \\ & = \frac{13}{5} = 2\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{5} \div 1\frac{1}{5} \div 1\frac{5}{7} \\ & = \frac{77}{72} = 1\frac{5}{72} \end{aligned}$$

$$\begin{aligned} 9. \quad & 2\frac{1}{5} \div \left(1\frac{3}{5} \div 1\frac{1}{10} \right) \\ & = \frac{121}{80} = 1\frac{41}{80} \end{aligned}$$

Dividing Fractions (I)

Find the value of each expression in lowest terms.

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

4. $2\frac{3}{5} \div \left(1\frac{2}{5} \div 1\frac{7}{8}\right)$

7. $1\frac{1}{8} \div \left(2\frac{1}{9} \div 2\frac{1}{9}\right)$

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

5. $1\frac{2}{3} \div 2\frac{2}{3} \div 1\frac{9}{10}$

8. $1\frac{1}{10} \div \left(3\frac{3}{4} \div 1\frac{1}{8}\right)$

3. $3\frac{1}{6} \div \left(1\frac{2}{9} \div 1\frac{5}{6}\right)$

6. $2\frac{1}{7} \div \left(1\frac{5}{7} \div 2\frac{1}{7}\right)$

9. $1\frac{3}{4} \div \left(1\frac{4}{5} \div 1\frac{7}{9}\right)$

Dividing Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad 2\frac{4}{7} \div \left(1\frac{2}{3} \div 3\frac{3}{4}\right) \\ = \frac{81}{14} = 5\frac{11}{14} \end{aligned}$$

$$\begin{aligned} 4. \quad 2\frac{3}{5} \div \left(1\frac{2}{5} \div 1\frac{7}{8}\right) \\ = \frac{195}{56} = 3\frac{27}{56} \end{aligned}$$

$$\begin{aligned} 7. \quad 1\frac{1}{8} \div \left(2\frac{1}{9} \div 2\frac{1}{9}\right) \\ = \frac{9}{8} = 1\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 2. \quad 1\frac{4}{5} \div 6\frac{1}{2} \div 1\frac{2}{5} \\ = \frac{18}{91} \end{aligned}$$

$$\begin{aligned} 5. \quad 1\frac{2}{3} \div 2\frac{2}{3} \div 1\frac{9}{10} \\ = \frac{25}{76} \end{aligned}$$

$$\begin{aligned} 8. \quad 1\frac{1}{10} \div \left(3\frac{3}{4} \div 1\frac{1}{8}\right) \\ = \frac{33}{100} \end{aligned}$$

$$\begin{aligned} 3. \quad 3\frac{1}{6} \div \left(1\frac{2}{9} \div 1\frac{5}{6}\right) \\ = \frac{19}{4} = 4\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 6. \quad 2\frac{1}{7} \div \left(1\frac{5}{7} \div 2\frac{1}{7}\right) \\ = \frac{75}{28} = 2\frac{19}{28} \end{aligned}$$

$$\begin{aligned} 9. \quad 1\frac{3}{4} \div \left(1\frac{4}{5} \div 1\frac{7}{9}\right) \\ = \frac{140}{81} = 1\frac{59}{81} \end{aligned}$$

Dividing Fractions (J)

Find the value of each expression in lowest terms.

1. $1\frac{5}{8} \div \left(2\frac{1}{5} \div 1\frac{2}{5}\right)$

4. $1\frac{1}{4} \div \left(1\frac{2}{5} \div 1\frac{1}{2}\right)$

7. $2\frac{2}{3} \div 1\frac{1}{6} \div 1\frac{2}{9}$

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

5. $2\frac{4}{5} \div 2\frac{1}{2} \div 1\frac{1}{10}$

8. $1\frac{3}{4} \div 7\frac{1}{2} \div 2\frac{2}{5}$

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

6. $3\frac{1}{5} \div 4\frac{1}{2} \div 3\frac{1}{5}$

9. $1\frac{1}{7} \div \left(3\frac{1}{2} \div 1\frac{5}{8}\right)$

Dividing Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{5}{8} \div \left(2\frac{1}{5} \div 1\frac{2}{5} \right) \\ & = \frac{91}{88} = 1\frac{3}{88} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{4} \div \left(1\frac{2}{5} \div 1\frac{1}{2} \right) \\ & = \frac{75}{56} = 1\frac{19}{56} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{2}{3} \div 1\frac{1}{6} \div 1\frac{2}{9} \\ & = \frac{144}{77} = 1\frac{67}{77} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{1}{7} \div \left(4\frac{1}{2} \div 3\frac{1}{2} \right) \\ & = \frac{8}{9} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{4}{5} \div 2\frac{1}{2} \div 1\frac{1}{10} \\ & = \frac{56}{55} = 1\frac{1}{55} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{3}{4} \div 7\frac{1}{2} \div 2\frac{2}{5} \\ & = \frac{7}{72} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{2}{3} \div \left(1\frac{1}{3} \div 1\frac{1}{2} \right) \\ & = \frac{33}{8} = 4\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 6. \quad & 3\frac{1}{5} \div 4\frac{1}{2} \div 3\frac{1}{5} \\ & = \frac{2}{9} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{1}{7} \div \left(3\frac{1}{2} \div 1\frac{5}{8} \right) \\ & = \frac{26}{49} \end{aligned}$$