

Division de Fractions (I)

Évaluez et simplifiez chaque expression.

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

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

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

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

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

10. $1\frac{1}{3} \div 1\frac{5}{6} \div 1\frac{1}{2}$

3. $2\frac{2}{9} \div \left(1\frac{1}{2} \div 1\frac{7}{10}\right)$

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

11. $1\frac{2}{3} \div \left(3\frac{1}{3} \div 1\frac{8}{9}\right)$

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

8. $4\frac{1}{2} \div 1\frac{5}{11} \div 2\frac{3}{4}$

12. $1\frac{2}{7} \div \left(2\frac{1}{3} \div 4\frac{1}{5}\right)$

Division de Fractions (I) Answers

Évaluez et simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 2\frac{2}{5} \div \left(1\frac{1}{3} \div 1\frac{4}{5}\right) \\ & = \frac{81}{25} = 3\frac{6}{25} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{2} \div 1\frac{2}{3} \div 3\frac{1}{2} \\ & = \frac{9}{35} \end{aligned}$$

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

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

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

$$\begin{aligned} 10. \quad & 1\frac{1}{3} \div 1\frac{5}{6} \div 1\frac{1}{2} \\ & = \frac{16}{33} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{2}{9} \div \left(1\frac{1}{2} \div 1\frac{7}{10}\right) \\ & = \frac{68}{27} = 2\frac{14}{27} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{4}{5} \div \left(1\frac{5}{6} \div 2\frac{1}{5}\right) \\ & = \frac{54}{25} = 2\frac{4}{25} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{2}{3} \div \left(3\frac{1}{3} \div 1\frac{8}{9}\right) \\ & = \frac{17}{18} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 4\frac{1}{2} \div 1\frac{5}{11} \div 2\frac{3}{4} \\ & = \frac{9}{8} = 1\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 12. \quad & 1\frac{2}{7} \div \left(2\frac{1}{3} \div 4\frac{1}{5}\right) \\ & = \frac{81}{35} = 2\frac{11}{35} \end{aligned}$$