

Division de Fractions (H)

Évaluez et simplifiez chaque expression.

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

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

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

2. $5\frac{1}{2} \div \left(1\frac{1}{2} \div 1\frac{1}{11}\right)$

6. $3\frac{1}{2} \div 2\frac{1}{2} \div 1\frac{3}{11}$

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

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

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

11. $1\frac{1}{2} \div \left(1\frac{4}{7} \div 5\frac{1}{2}\right)$

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

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

12. $1\frac{1}{6} \div 1\frac{2}{5} \div 5\frac{1}{2}$

Division de Fractions (H) Answers

Évaluez et simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 2\frac{2}{5} \div \left(7\frac{1}{3} \div 2\frac{2}{9} \right) \\ & = \frac{8}{11} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{2} \div \left(2\frac{2}{5} \div 4\frac{1}{5} \right) \\ & = \frac{21}{8} = 2\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{2}{3} \div \left(3\frac{1}{7} \div 5\frac{1}{2} \right) \\ & = \frac{35}{12} = 2\frac{11}{12} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & 3\frac{1}{2} \div 2\frac{1}{2} \div 1\frac{3}{11} \\ & = \frac{11}{10} = 1\frac{1}{10} \end{aligned}$$

$$\begin{aligned} 10. \quad & 3\frac{1}{2} \div 5\frac{1}{2} \div 1\frac{1}{2} \\ & = \frac{14}{33} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{1}{4} \div \left(2\frac{5}{7} \div 2\frac{6}{7} \right) \\ & = \frac{65}{19} = 3\frac{8}{19} \end{aligned}$$

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

$$\begin{aligned} 11. \quad & 1\frac{1}{2} \div \left(1\frac{4}{7} \div 5\frac{1}{2} \right) \\ & = \frac{21}{4} = 5\frac{1}{4} \end{aligned}$$

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

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

$$\begin{aligned} 12. \quad & 1\frac{1}{6} \div 1\frac{2}{5} \div 5\frac{1}{2} \\ & = \frac{5}{33} \end{aligned}$$