

## Division de Fractions (F)

Évaluez et simplifiez chaque expression.

1.  $\frac{1}{4} \div \left( \frac{1}{2} \div \frac{17}{7} \right)$

5.  $\frac{4}{9} \div \left( \frac{7}{2} \div \frac{15}{2} \right)$

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

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

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

10.  $\frac{6}{5} \div \left( 12 \div \frac{5}{6} \right)$

3.  $2 \div \left( \frac{5}{2} \div \frac{21}{8} \right)$

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

11.  $11 \div \left( \frac{7}{6} \div \frac{1}{2} \right)$

4.  $4 \div \frac{17}{11} \div \frac{4}{9}$

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

12.  $\frac{5}{12} \div \frac{2}{3} \div \frac{3}{2}$

## Division de Fractions (F) Answers

Évaluez et simplifiez chaque expression.

$$\begin{aligned} 1. \quad & \frac{1}{4} \div \left( \frac{1}{2} \div \frac{17}{7} \right) \\ & = \frac{17}{14} = 1\frac{3}{14} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{4}{9} \div \left( \frac{7}{2} \div \frac{15}{2} \right) \\ & = \frac{20}{21} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{7}{3} \div \frac{7}{8} \div \frac{1}{2} \\ & = \frac{16}{3} = 5\frac{1}{3} \end{aligned}$$

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

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

$$\begin{aligned} 10. \quad & \frac{6}{5} \div \left( 12 \div \frac{5}{6} \right) \\ & = \frac{1}{12} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2 \div \left( \frac{5}{2} \div \frac{21}{8} \right) \\ & = \frac{21}{10} = 2\frac{1}{10} \end{aligned}$$

$$\begin{aligned} 7. \quad & 8 \div \frac{3}{2} \div \frac{4}{5} \\ & = \frac{20}{3} = 6\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 11. \quad & 11 \div \left( \frac{7}{6} \div \frac{1}{2} \right) \\ & = \frac{33}{7} = 4\frac{5}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 4 \div \frac{17}{11} \div \frac{4}{9} \\ & = \frac{99}{17} = 5\frac{14}{17} \end{aligned}$$

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

$$\begin{aligned} 12. \quad & \frac{5}{12} \div \frac{2}{3} \div \frac{3}{2} \\ & = \frac{5}{12} \end{aligned}$$