

Orden de Operaciones (I)

Realice las operaciones en el orden correcto.

1. $\frac{1}{2} + \frac{5}{3} + \left(\frac{7}{4} + \left(-\frac{11}{3}\right)\right) \div \frac{3}{2} \times (-3)$

6. $\left(-\frac{11}{5}\right) \times \left(\frac{10}{11} + \frac{1}{2}\right) \div \left(\frac{1}{2} + \frac{3}{4} - \frac{1}{4}\right)$

2. $\frac{7}{3} - \left(\frac{11}{2} + \frac{1}{2}\right) + \frac{3}{2} - 11 \div \left(-\frac{11}{8}\right)$

7. $\frac{8}{3} \times \left(-\frac{5}{6} - \frac{7}{5} - \frac{1}{6} - \left(-\frac{7}{3}\right) + \frac{5}{12}\right)$

3. $\left(-\frac{3}{4}\right) \div \left(-\frac{2}{3}\right) \times (-1) \times \left(-\frac{4}{9}\right) - \left(-\frac{7}{12} - \frac{7}{8}\right)$

8. $\left(-\frac{8}{3}\right) \div \left(\frac{4}{5} - \frac{8}{3}\right) + 2 + \frac{3}{2} + \left(-\frac{11}{2}\right)$

4. $\frac{1}{2} + \left(-\frac{4}{5} - \frac{3}{2} + \frac{3}{5} \div 6\right) \div \left(-\frac{12}{5}\right)$

9. $\left(\frac{4}{3} + \left(-\frac{8}{3}\right) + 1 - \left(-\frac{7}{11}\right)\right) \div \left(-\frac{3}{11}\right) \times \left(-\frac{4}{5}\right)$

5. $\frac{2}{5} \div \left(-\frac{1}{9}\right) - 1 - \left(-\frac{1}{4} - \left(\frac{8}{3} - \frac{7}{6}\right)\right)$

10. $\frac{1}{3} \times \left(-\frac{1}{11}\right) + 2 - \left(\frac{4}{3} + \left(-\frac{5}{6}\right)\right) \div \frac{3}{5}$

Orden de Operaciones (I) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{1}{2} + \frac{5}{3} + \left(\frac{7}{4} + \left(-\frac{11}{3}\right)\right) \div \frac{3}{2} \times (-3) \\ = 6$$

$$6. \left(-\frac{11}{5}\right) \times \left(\frac{10}{11} + \frac{1}{2}\right) \div \left(\frac{1}{2} + \frac{3}{4} - \frac{1}{4}\right) \\ = -\frac{31}{10} = -3\frac{1}{10}$$

$$2. \frac{7}{3} - \left(\frac{11}{2} + \frac{1}{2}\right) + \frac{3}{2} - 11 \div \left(-\frac{11}{8}\right) \\ = \frac{35}{6} = 5\frac{5}{6}$$

$$7. \frac{8}{3} \times \left(-\frac{5}{6} - \frac{7}{5} - \frac{1}{6} - \left(-\frac{7}{3}\right) + \frac{5}{12}\right) \\ = \frac{14}{15}$$

$$3. \left(-\frac{3}{4}\right) \div \left(-\frac{2}{3}\right) \times (-1) \times \left(-\frac{4}{9}\right) - \left(-\frac{7}{12} - \frac{7}{8}\right) \\ = \frac{47}{24} = 1\frac{23}{24}$$

$$8. \left(-\frac{8}{3}\right) \div \left(\frac{4}{5} - \frac{8}{3}\right) + 2 + \frac{3}{2} + \left(-\frac{11}{2}\right) \\ = -\frac{4}{7}$$

$$4. \frac{1}{2} + \left(-\frac{4}{5} - \frac{3}{2} + \frac{3}{5} \div 6\right) \div \left(-\frac{12}{5}\right) \\ = \frac{17}{12} = 1\frac{5}{12}$$

$$9. \left(\frac{4}{3} + \left(-\frac{8}{3}\right) + 1 - \left(-\frac{7}{11}\right)\right) \div \left(-\frac{3}{11}\right) \times \left(-\frac{4}{5}\right) \\ = \frac{8}{9}$$

$$5. \frac{2}{5} \div \left(-\frac{1}{9}\right) - 1 - \left(-\frac{1}{4} - \left(\frac{8}{3} - \frac{7}{6}\right)\right) \\ = -\frac{57}{20} = -2\frac{17}{20}$$

$$10. \frac{1}{3} \times \left(-\frac{1}{11}\right) + 2 - \left(\frac{4}{3} + \left(-\frac{5}{6}\right)\right) \div \frac{3}{5} \\ = \frac{25}{22} = 1\frac{3}{22}$$