Orden de Operaciones (G)

Realice las operaciones en el orden correcto.

1. $\left(\frac{11}{6} - \left(-\frac{1}{2}\right) + \frac{7}{6}\right) \div (-11) \div \left(-\frac{2}{3} + \frac{5}{9}\right)$

2. $\left(\frac{3}{4} + \left(-\frac{1}{4}\right) \times (-11)\right) \div \left(\left(-\frac{5}{4}\right) \times \left(-\frac{8}{9}\right) \div \frac{2}{3}\right)$

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

4. $\left(-\frac{11}{2}\right) \times \left(\frac{7}{4} + \frac{1}{2} - 3\right) - \left(-\frac{11}{4}\right) \div \frac{2}{9}$

5. $\frac{5}{8} + \left(-\frac{1}{6}\right) - \left(\left(-\frac{5}{4}\right) \times \left(-\frac{4}{5}\right) + \frac{5}{8} + (-4)\right)$

6. $\left(\left(-\frac{1}{2}\right) \times (-4) \times \frac{5}{9} + \frac{2}{3}\right) \times \left(-\frac{5}{3} + \frac{1}{2}\right)$

7. $\frac{12}{11} \div \left(-\frac{6}{11}\right) \times \left(-\frac{11}{5} - \left(\frac{1}{5} \div \frac{1}{11} - 1\right)\right)$

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

9. $\frac{1}{3} \div \left(\left(-\frac{2}{3} - \frac{11}{12} - \left(-\frac{11}{12} - (-4)\right)\right) \times \frac{1}{7}\right)$

10. $\left(-\frac{4}{3}\right) \times \left(-\frac{11}{10}\right) \div \frac{12}{5} + \left(-\frac{5}{6}\right) \times \left(-\frac{3}{10}\right) \times \left(-\frac{11}{3}\right)$

Orden de Operaciones (G) Respuestas

Realice las operaciones en el orden correcto.

1. $\left(\frac{11}{6} - \left(-\frac{1}{2}\right) + \frac{7}{6}\right) \div (-11) \div \left(-\frac{2}{3} + \frac{5}{9}\right)$
$= \frac{63}{22} = 2\frac{19}{22}$

2. $\left(\frac{3}{4} + \left(-\frac{1}{4}\right) \times (-11)\right) \div \left(\left(-\frac{5}{4}\right) \times \left(-\frac{8}{9}\right) \div \frac{2}{3}\right)$
$= \frac{21}{10} = 2\frac{1}{10}$

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

4. $\left(-\frac{11}{2}\right) \times \left(\frac{7}{4} + \frac{1}{2} - 3\right) - \left(-\frac{11}{4}\right) \div \frac{2}{9}$
$= \frac{33}{2} = 16\frac{1}{2}$

5. $\frac{5}{8} + \left(-\frac{1}{6}\right) - \left(\left(-\frac{5}{4}\right) \times \left(-\frac{4}{5}\right) + \frac{5}{8} + (-4)\right)$
$= \frac{17}{6} = 2\frac{5}{6}$

6. $\left(\left(-\frac{1}{2}\right) \times (-4) \times \frac{5}{9} + \frac{2}{3}\right) \times \left(-\frac{5}{3} + \frac{1}{2}\right)$
$= -\frac{56}{27} = -2\frac{2}{27}$

7. $\frac{12}{11} \div \left(-\frac{6}{11}\right) \times \left(-\frac{11}{5} - \left(\frac{1}{5} \div \frac{1}{11} - 1\right)\right)$
$= \frac{34}{5} = 6\frac{4}{5}$

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

9. $\frac{1}{3} \div \left(\left(-\frac{2}{3} - \frac{11}{12} - \left(-\frac{11}{12} - (-4)\right)\right) \times \frac{1}{7}\right)$
$= -\frac{1}{2}$

10. $\left(-\frac{4}{3}\right) \times \left(-\frac{11}{10}\right) \div \frac{12}{5} + \left(-\frac{5}{6}\right) \times \left(-\frac{3}{10}\right) \times \left(-\frac{11}{3}\right)$
$= -\frac{11}{36}$