Orden de Operaciones (J)

Realice las operaciones en el orden correcto.

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

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

3. $\frac{3}{10}\div\left(\left(1+\frac{11}{10}\right)\div\left(\frac{4}{5}\times\frac{5}{12}\right)\times\frac{1}{2}\right)$

4. $\frac{11}{2}+\frac{3}{2}\div\left(\frac{12}{7}+\frac{12}{7}\right)\times\frac{4}{5}\div\frac{1}{2}$

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

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

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

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

9. $\left(\frac{5}{12}-\left(\frac{7}{4}-\left(6\times\frac{1}{3}-\frac{2}{3}\right)\right)\right)\times\frac{2}{3}$

10. $\left(\frac{12}{5}-\frac{1}{5}\right)\div\frac{7}{6}\div\left(\frac{7}{5}-\frac{1}{2}\div\frac{7}{10}\right)$

Orden de Operaciones (J) Respuestas

Realice las operaciones en el orden correcto.

1. $\left(\frac{3}{2}+\frac{9}{2}\right)\div\left(\frac{1}{5}\times\left(\frac{7}{3}+\frac{5}{2}\right)\div\frac{1}{3}\right)$
$=\frac{60}{29}=2\frac{2}{29}$

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

3. $\frac{3}{10}\div\left(\left(1+\frac{11}{10}\right)\div\left(\frac{4}{5}\times\frac{5}{12}\right)\times\frac{1}{2}\right)$
$=\frac{2}{21}$

4. $\frac{11}{2}+\frac{3}{2}\div\left(\frac{12}{7}+\frac{12}{7}\right)\times\frac{4}{5}\div\frac{1}{2}$
$=\frac{31}{5}=6\frac{1}{5}$

5. $\left(\frac{5}{2}+3\right)\times\left(\frac{4}{7}-\frac{4}{7}+\frac{1}{2}+\frac{5}{6}\right)$
$=\frac{22}{3}=7\frac{1}{3}$

6. $\frac{11}{3}\times 1\div\frac{1}{2}\div\left(\frac{3}{2}+\frac{6}{5}\div\frac{4}{5}\right)$
$=\frac{22}{9}=2\frac{4}{9}$

7. $\left(3\times\frac{1}{2}+\frac{4}{11}\div\frac{2}{9}\right)\div\frac{1}{2}-\frac{7}{11}$
$=\frac{62}{11}=5\frac{7}{11}$

8. $\frac{9}{11}\div\left(\frac{5}{9}\times\frac{9}{10}\right)\div\left(\frac{1}{3}\times\frac{3}{2}\times\frac{8}{5}\right)$
$=\frac{45}{22}=2\frac{1}{22}$

9. $\left(\frac{5}{12}-\left(\frac{7}{4}-\left(6\times\frac{1}{3}-\frac{2}{3}\right)\right)\right)\times\frac{2}{3}$
$=0$

10. $\left(\frac{12}{5}-\frac{1}{5}\right)\div\frac{7}{6}\div\left(\frac{7}{5}-\frac{1}{2}\div\frac{7}{10}\right)$
$=\frac{11}{4}=2\frac{3}{4}$