Orden de Operaciones (E)

Realice las operaciones en el orden correcto.

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

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

3. $\left(\frac{11}{2}+\frac{1}{6}\right)\div\left(\left(\frac{3}{8}+\frac{1}{4}+\frac{1}{6}\right)\times\frac{8}{3}\right)$

4. $\frac{1}{3}\div\left(\frac{5}{6}\times\frac{4}{9}\right)\div\left(\frac{3}{2}\div\frac{1}{11}\times\frac{12}{11}\right)$

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

6. $\frac{7}{8}\div\left(12\times\frac{1}{2}+\frac{9}{2}\right)-\left(\frac{5}{4}-\frac{7}{6}\right)$

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

8. $\frac{1}{3}-\frac{3}{10}+3-\frac{1}{2}-\frac{3}{10}\div\frac{1}{4}$

9. $\left(\frac{1}{2}\times\frac{4}{5}+\frac{1}{3}\right)\times\frac{6}{7}\times10\div\frac{12}{5}$

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

Orden de Operaciones (E) Respuestas

Realice las operaciones en el orden correcto.

1. $\frac{3}{2}^{\frac{3}{4}\div\frac{3}{8}} - \left(\frac{1}{2}+1+\frac{1}{8}\right)$
$= \frac{5}{8}$

2. $\left(2\times\frac{11}{12}+\frac{3}{4}-\frac{1}{2}\div\frac{3}{10}\right)\div\frac{3}{2}$
$= \frac{11}{18}$

3. $\left(\frac{11}{2}+\frac{1}{6}\right)\div\left(\left(\frac{3}{8}+\frac{1}{4}+\frac{1}{6}\right)\times\frac{8}{3}\right)$
$= \frac{51}{19} = 2\frac{13}{19}$

4. $\frac{1}{3}\div\left(\frac{5}{6}\times\frac{4}{9}\right)\div\left(\frac{3}{2}\div\frac{1}{11}\times\frac{12}{11}\right)$
$= \frac{1}{20}$

5. $5-\frac{2}{3}-\left(\frac{5}{2}\times\frac{1}{2}\times\frac{1}{2}-\frac{1}{3}\right)$
$= \frac{97}{24} = 4\frac{1}{24}$

6. $\frac{7}{8}\div\left(12\times\frac{1}{2}+\frac{9}{2}\right)-\left(\frac{5}{4}-\frac{7}{6}\right)$
$= 0$

7. $\frac{4}{3}+\left(\frac{1}{2}+\frac{2}{3}\right)\div\left(\frac{2}{3}\div\left(\frac{6}{5}+\frac{2}{3}\right)\right)$
$= \frac{23}{5} = 4\frac{3}{5}$

8. $\frac{1}{3}-\frac{3}{10}+3-\frac{1}{2}-\frac{3}{10}\div\frac{1}{4}$
$= \frac{4}{3} = 1\frac{1}{3}$

9. $\left(\frac{1}{2}\times\frac{4}{5}+\frac{1}{3}\right)\times\frac{6}{7}\times 10\div\frac{12}{5}$
$= \frac{55}{21} = 2\frac{13}{21}$

10. $\left(6-\frac{11}{2}\right)\div\left(\frac{10}{11}-\frac{1}{2}\right)\times\left(\frac{4}{5}-\frac{4}{5}\right)$
$= 0$