



Efectue las operaciones indicadas y simplifique

1) $250 + [(7 - 3) - (1 - 4) + (2 - 3)]$

2) $(2 - 3)(1 - 7) + 2 - 2(6 - 9)(-5 - 7)$

3) $[-3(4 + 5(3 - 2(12 - 18(2 - 7))))]$

4) $5 - 5(4 - 7(9 - 6) - 8(1 - 6)) + 3 - 3(6 - 9)$

5) $-\left(\frac{3}{5} - \frac{12}{5}\right) + \frac{7}{35}$

6) $\frac{12+(4-12)}{36}$

7) $-\left(\frac{11}{7} + \frac{1}{21} - \frac{3}{14} + \frac{1}{21}\right)$

8) $-\frac{1}{0.01} + \frac{2}{0.015} - \frac{7}{0.3}$

9) $\frac{33}{7} + \left(\frac{-10}{3}\right) + \left(\frac{14}{3}\right) + \left(\frac{-75}{27}\right) + \left(\frac{-14}{9}\right)$

10) $\left(\frac{11}{130} - \frac{25}{26}\right) \frac{13}{5}$

11) $\left(\frac{4}{9} - \frac{108}{81}\right) \left(\frac{10}{12} - 1\right)$

12) $\frac{(0.25 \times 3) \div (0.5 \times 0.001)}{3.18 + 16.2 - 4.38}$

13) $\frac{1}{2} \div \left[\frac{1}{4} \div \left(\frac{2}{3} + \frac{1}{2}\right) \div \left(\frac{1}{2} - \frac{2}{3}\right)\right]$

14) $\frac{\frac{1}{2} \cdot \frac{6}{8}}{\frac{5}{8} + \frac{57}{24}}$

15) $\frac{\frac{1}{10} - \frac{1}{100} - \frac{1}{1000}}{100}$

16) $\frac{\frac{1}{1-\frac{1}{5}} - \frac{1}{1-\frac{1}{6}}}{\frac{1}{1-\frac{1}{3}} - \frac{1}{1-\frac{1}{6}}}$

17) $1 + \frac{5}{2 + \frac{3}{1 - \frac{1}{3}}}$

18) $5 + \frac{1}{1 - \frac{5}{1 - \frac{2}{5}}}$

19) $\frac{1}{5} - \left[\frac{1}{5} + \frac{3}{4} \left(\frac{1}{2} - \frac{9}{4} \left[\frac{3}{5} - \frac{8}{5}\right]\right)\right]$

20) $\left| -9 \right| - \frac{1}{2}$

21) $\left| 1 - \left| \frac{1}{2} - \frac{3}{5} \right| \right|$

22) $2 - \frac{4}{\left| 1 - \frac{3}{2} \right|}$