

Interro de calcul 1

Ceci est un entraînement.

Question 1 : $4,52 - 8,2 = -3,68$

Question 2 : $7,6 \times 2,3 = 17,48$

Question 3 : $7,601 \times 2,3 = 7,6 \times 2,3 + 0,001 \times 2,3 = 17,48 + 0,0023 = 17,4823$

Question 4 : $712 - 265 \times 43 = -10683$

Question 5 : $(712 - 265) \times 43 = 19221$

Question 6 : $6! = 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 720$

Question 7 : $4^3 - 3^4 = 4 \times 16 - 9 \times 9 = 64 - 81 = -17$

Question 8 : $\frac{1}{3} - \frac{1}{4} = \frac{4}{12} - \frac{3}{12} = \frac{1}{12}$

Question 9 : $(\sqrt{6} - 4)^2 = \sqrt{6}^2 - 8\sqrt{6} + 16 = 22 - 8\sqrt{6}$

Question 10 : $\frac{1}{3} - \frac{3-\sqrt{5}}{3+\sqrt{5}} = \frac{1}{3} - \frac{(3-\sqrt{5})^2}{(3+\sqrt{5})(3-\sqrt{5})} = \frac{1}{3} - \frac{9-6\sqrt{5}+\sqrt{5}^2}{9-\sqrt{5}^2} = \frac{1}{3} - \frac{14-6\sqrt{5}}{4} = \frac{1}{3} - \frac{7-3\sqrt{5}}{2} = \frac{2-(21-9\sqrt{5})}{6} = -\frac{19}{6} + \frac{3\sqrt{5}}{2}$.