

Exercice I :

indices : 1. priorités !

2. $27 = 3 \times \dots$

1. $A = \frac{9}{5} - \frac{2}{5} \times \frac{11}{4} = \frac{9}{5} - \frac{22}{20} = \frac{18}{10} - \frac{11}{10} = \frac{7}{10}$ (fraction irréductible).

2. $B = 5\sqrt{3} - 4\sqrt{27} + \sqrt{75} = 5\sqrt{3} - 4\sqrt{9 \times 3} + \sqrt{25 \times 3} = 5\sqrt{3} - 4 \times 3\sqrt{3} + 5\sqrt{3} = -2\sqrt{3}$.