Questions flashs

Développer l'expression

$$A = -3(x+5)^2 - 7$$

Mettre sous forme canonique

$$B = x^2 - 6x - 7$$

Correction

$$A = -3(x+5)^2 - 7$$
$$= -3x^2 - 30x - 82$$

$$B = x^2 - 6x - 7$$

$$\alpha = \frac{-b}{2a} = 3$$

$$\beta = -\frac{b^2 - 4ac}{4a} = -\frac{36 + 38}{4} = -16$$

$$B = (x - 3)^2 - 16$$