

d) la hauteur issue de A

4p $\vec{BC} = C - B = (-3, 1)$ $h_A: -3x + 1y + c = 0$

$$A \in h_A: (-3) \cdot 2 + 1 \cdot 1 + c = 0$$

$$-6 + 1 + c = 0$$

$$-5 + c = 0$$

$$c = 5$$

$$-3x + y + 5 = 0 \quad | \cdot (-1)$$

$$\underline{3x - y - 5 = 0}$$