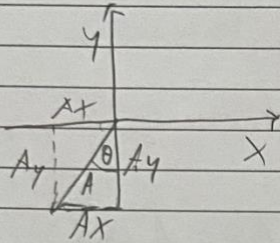


1.



$$A^2 = c^2 + c^2$$

$$A^2 = A_x^2 + A_y^2$$

$$\theta = \arctan\left(\frac{A_y}{A_x}\right)$$

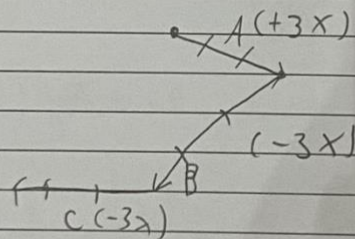
$$\cos(\theta) = \frac{A_y}{A} \Rightarrow A_y = A \cos(\theta)$$

$$R: A \cos(\theta)$$

2.

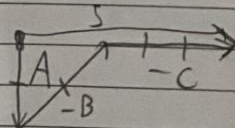
$$S = A + B + C \Rightarrow S_x =$$

$$S_x = A_x + B_x + C_x \Rightarrow S_x = 3 + (-3) + (-3) = -3$$



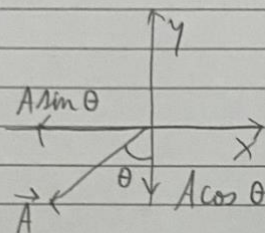
$$R: S_x = -3$$

$$3. S = A - B - C$$



R: Mantenha as anteriores

4.



Quando o eixo y negativo em A o  $A \cos \theta$ , mas quando o eixo do y é positivo em relação a A então  $-A \cos \theta$

$$R: -A \cos \theta$$