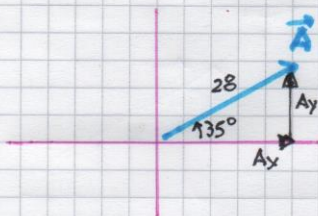


Ejercicio 1

A) Descomponer el vector $\vec{A} = (28, 35^\circ)$ en sus componentes



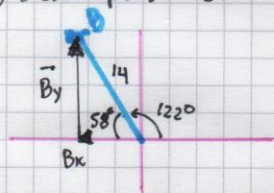
$$\vec{A}_x = 28 \cdot \cos 35^\circ$$

$$\vec{A}_x = 22,96$$

$$\vec{A}_y = 28 \cdot \sin 35^\circ$$

$$A_y = 15,96$$

B) Descomponer el vector $\vec{B} = (14, 122^\circ)$ en sus componentes



$$\vec{B}_x = 14 \cdot \cos 122^\circ$$

$$\vec{B}_x = -7,42$$

$$\vec{B}_y = 14 \cdot \sin 122^\circ$$

$$\vec{B}_y = 11,9$$

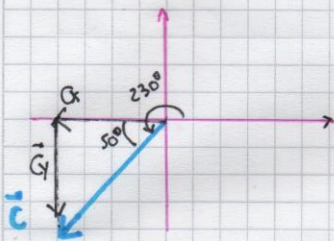
$$\vec{B}_x = 14 \cos 58^\circ$$

$$\vec{B}_x = -7,42$$

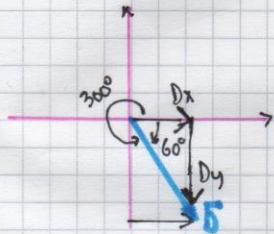
$$\vec{B}_y = 14 \sin 58^\circ$$

$$\vec{B}_y = 11,9$$

c) Descomponer el vector $\vec{C} = (41, 230^\circ)$



d) Descomponer el vector $\vec{D} = (15, 300^\circ)$



Ejercicio 2: Descomponer $\vec{M} = (18, 70^\circ)$ $\vec{N} = (56, 140^\circ)$ $\vec{O} = (20, 200^\circ)$

$$P = (55, 310^\circ)$$