



**Nombre de alumno:**

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**Nombre del profesor:**

**Aldo Irecta Nájera**

**Nombre del trabajo:**

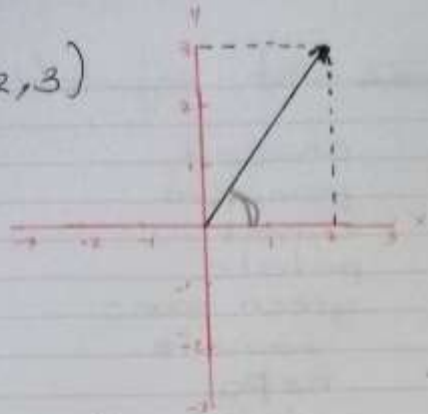
**Ejercicios**

**Materia:**

**Calculo vectorial**

**Grado: 3 cuatrimestre**

$$A_2 (2, 3)$$



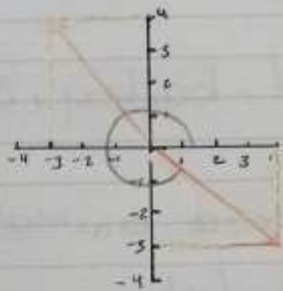
$$\alpha = \arctan \frac{y}{x}$$

$$\alpha = \arctan = \frac{3}{2}$$

$$\alpha = \arctan = 1.5$$

$$\alpha = 56.30993247^\circ$$

$$B = (4, -3)$$



$$\alpha = \arctan \frac{-3}{4}$$

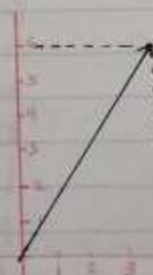
$$\alpha = \arctan = -0.75$$

$$\alpha = \arctan = -36.86989765$$

$$\alpha = -36.86989765 + 180^\circ$$

$$\alpha = 343.1301024^\circ$$

$$C = (4, 6)$$

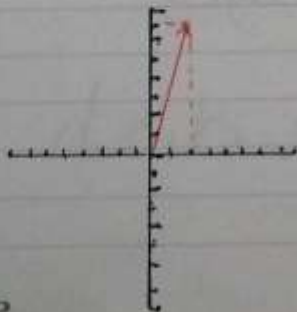


$$\alpha = \arctan = \frac{6}{4}$$

$$\alpha = \arctan = 1.5$$

$$\alpha = 56.30993247^\circ$$

$$D = (2, 7)$$



$$\alpha = \arctan \frac{7}{2}$$

$$\alpha = \arctan = 3.5$$

$$\alpha = 74.0546041^\circ$$

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