



**Mi Universidad**

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*Nombre del tema: **Trabajo Plataforma I***

*Parcial: **1ª Parcial***

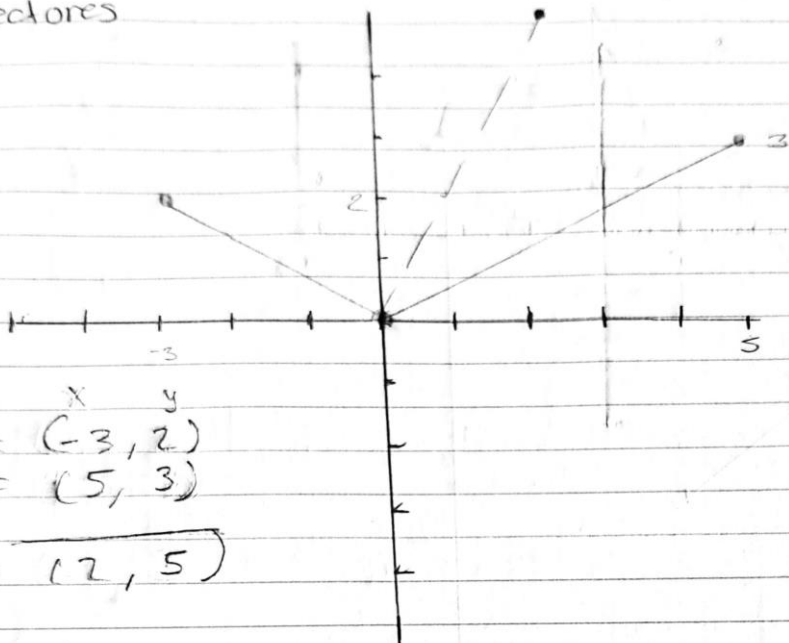
*Nombre de la Materia: **Calculo Vectorial***

*Nombre del profesor: **Jorge Sebastián Domínguez Torres***

*Nombre de la Licenciatura: **Ingeniería en Sistemas Computacionales***

*Cuatrimestre: **3º***

Determina el valor resultante del siguiente conjunto de Vectores



$$V_1 = \begin{pmatrix} x \\ y \end{pmatrix} = (-3, 2)$$

$$V_2 = (5, 3)$$

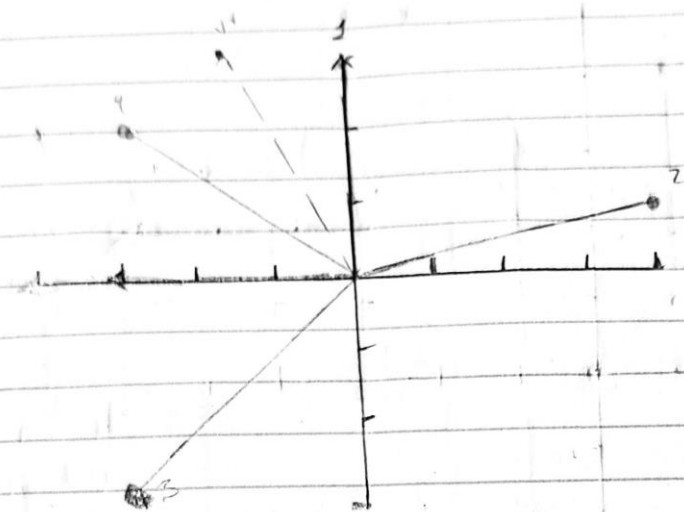
$$V_r = (2, 5)$$

$$V = (2)^2 + (5)^2$$

$$V = 4 + 25$$

$$V = \sqrt{29}$$

$$V = 5.38$$



$$V_1 \begin{pmatrix} x \\ y \end{pmatrix} (0, 3)$$

$$V_2 (4, 1)$$

$$V_3 (-3, 2)$$

$$V_4 (-3, -3)$$

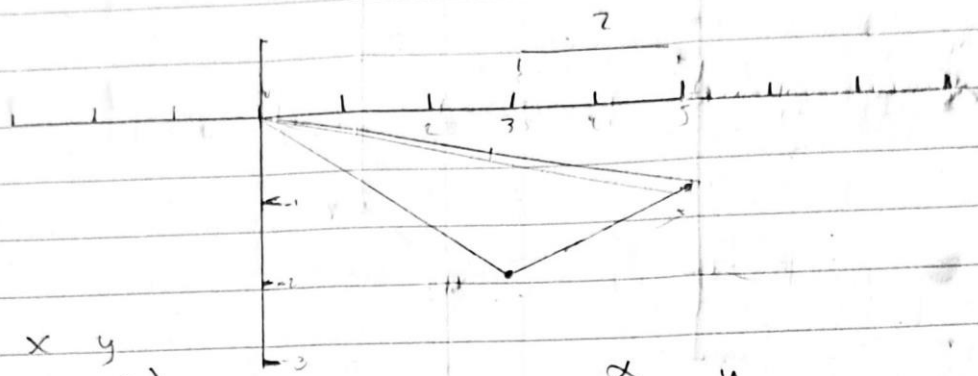
$$V_r (-2, 3)$$

$$V = (-2)^2 + (3)^2$$

$$V = 4 + 9$$

$$V = \sqrt{13}$$

$$V = 3.605$$



$$\begin{array}{c} x \quad y \\ v_1 = (3, -2) \\ v_2 = (5, -1) \end{array}$$

$$v_r = (8, -3)$$

$$v = (8)^2 + (-3)^2$$

$$v = 64 + 9$$

$$v = \sqrt{73}$$

$$v = 8.54$$

$$\begin{array}{c} x \quad y \\ v_1 = (3, -2) \\ v_2 = (2, -1) \end{array}$$

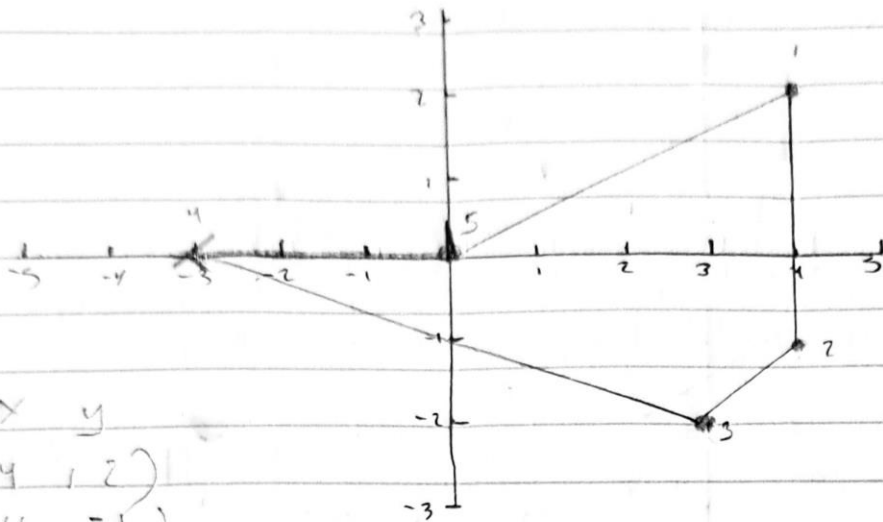
$$v_r = (5, -3)$$

$$v = (5)^2 + (-3)^2$$

$$v = 25 + 9$$

$$v = \sqrt{34}$$

$$v = 5.83$$



$$\begin{array}{c} x \quad y \\ v_1 (4, 2) \\ v_2 (4, -1) \\ v_3 (3, -2) \\ v_4 (-3, 0) \end{array}$$

$$v_r (8, -1)$$

$$v = (8)^2 + (-1)^2$$

$$v = 64 + 1$$

$$v = \sqrt{65}$$

$$v = 8.06$$