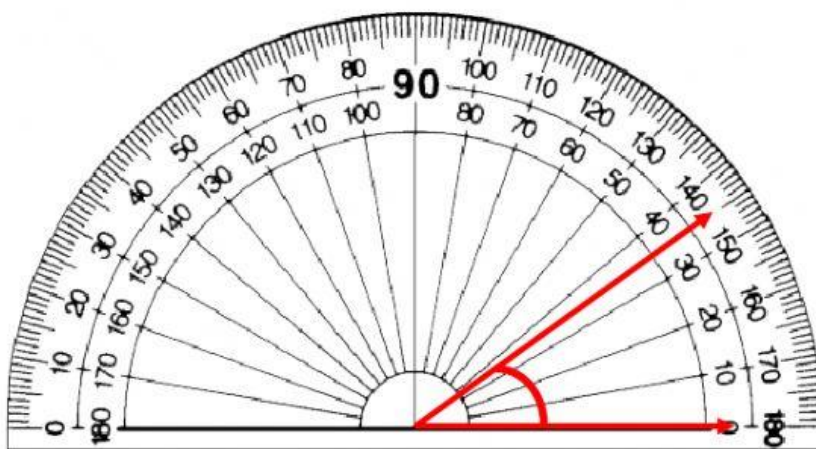


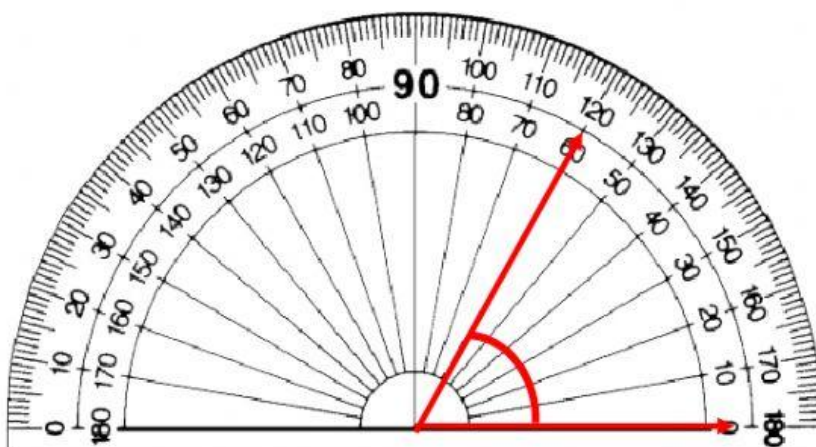
VECTORES EN COORDENADAS RECTANGULARES Y COORDENADAS POLARES

Nombre/s: _____

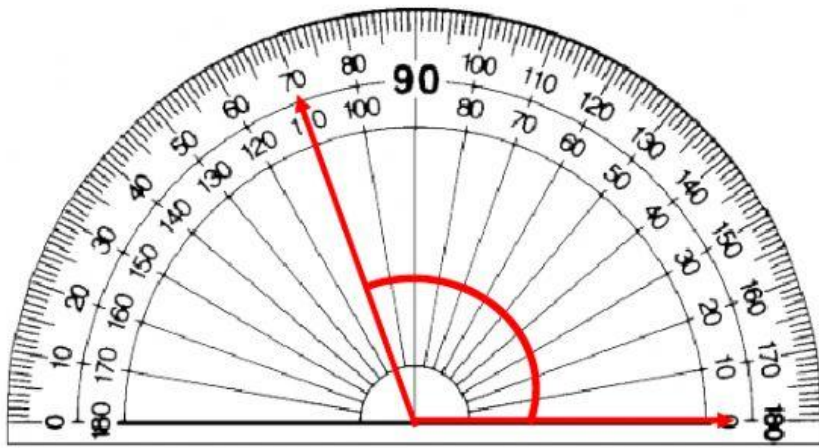
1. Escribe el ángulo de los siguientes vectores, toma en cuenta el sentido antihorario.



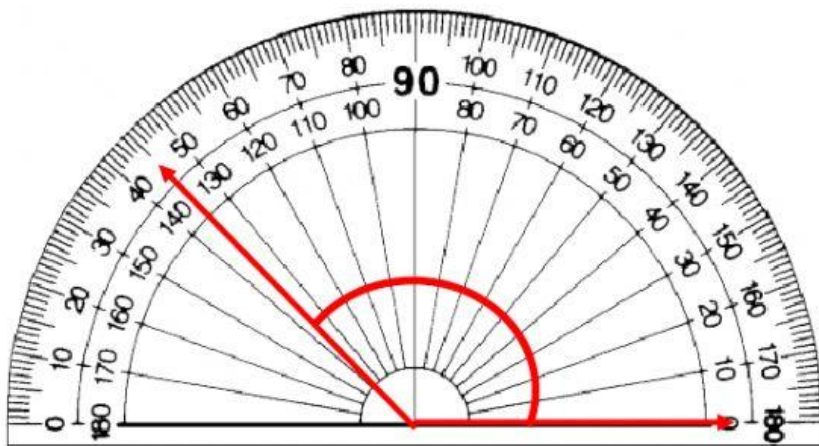
grados



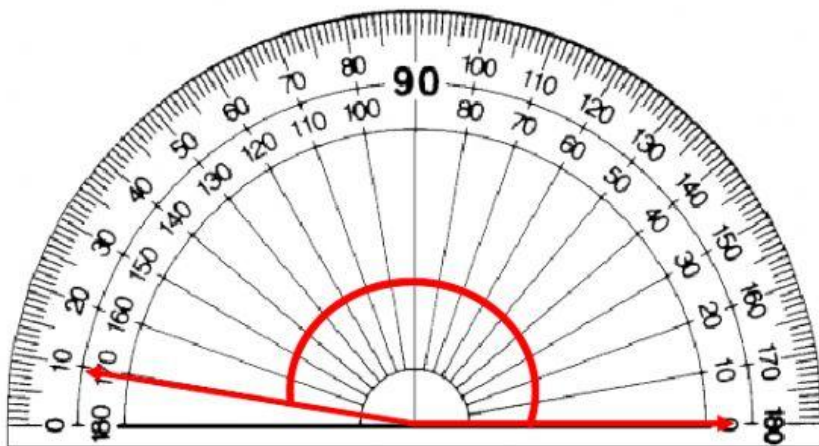
grados



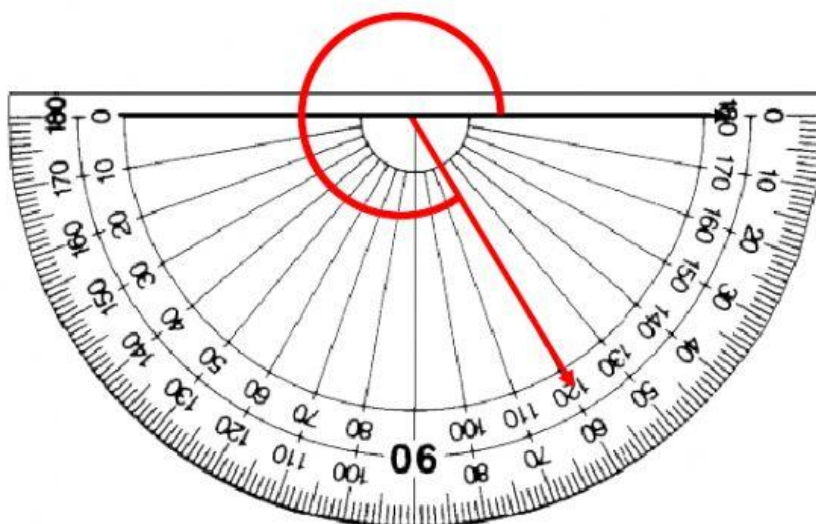
grados



grados

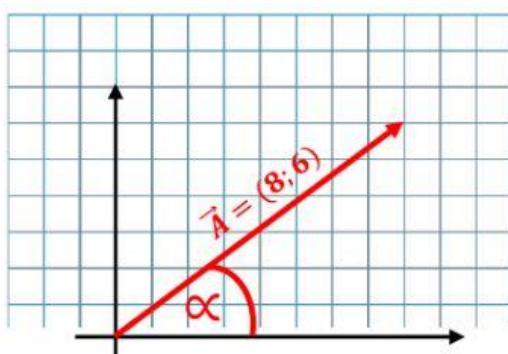


grados



grados

2. Calcula el módulo y el ángulo de los siguientes vectores.

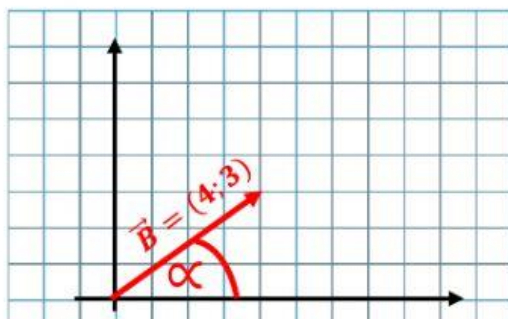


$$|\vec{A}| = \sqrt{(\quad)^2 + (\quad)^2}$$

$$|\vec{A}| =$$

$$\alpha = \text{Arc.tan}\left(\frac{\quad}{\quad}\right)$$

$$\alpha = \quad^\circ$$

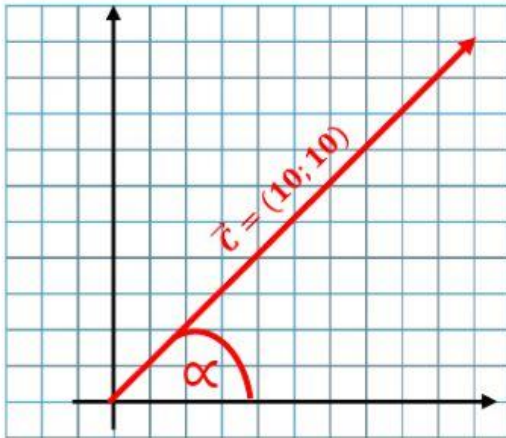


$$|\vec{B}| = \sqrt{(\quad)^2 + (\quad)^2}$$

$$|\vec{B}| =$$

$$\alpha = \text{Arc.tan}\left(\frac{\quad}{\quad}\right)$$

$$\alpha = \quad^\circ$$

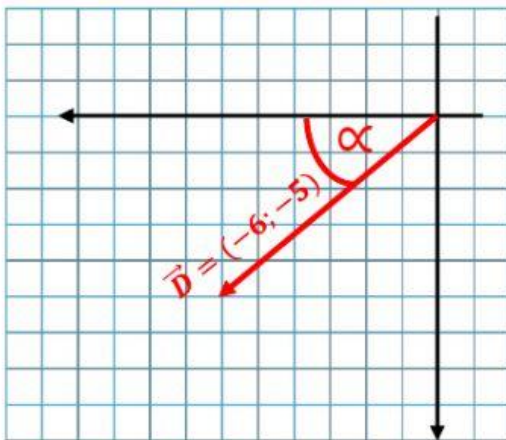


$$|\vec{C}| = \sqrt{(\quad)^2 + (\quad)^2}$$

$$|\vec{C}| =$$

$$\alpha = \text{Arc.tan} \left(\frac{\quad}{\quad} \right)$$

$$\alpha = \quad^\circ$$

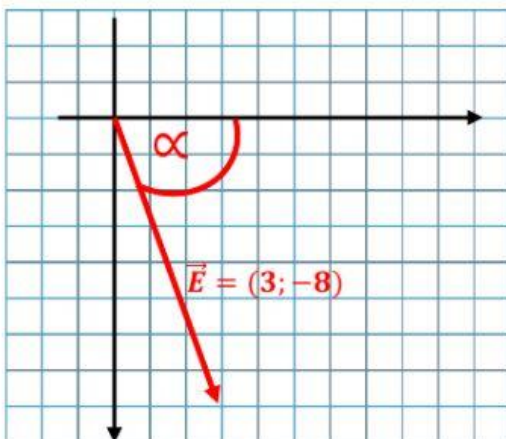


$$|\vec{D}| = \sqrt{(\quad)^2 + (\quad)^2}$$

$$|\vec{D}| =$$

$$\alpha = \text{Arc.tan} \left(\frac{\quad}{\quad} \right)$$

$$\alpha = \quad^\circ$$



$$|\vec{E}| = \sqrt{(\quad)^2 + (\quad)^2}$$

$$|\vec{E}| =$$

$$\alpha = \text{Arc.tan} \left(\frac{\quad}{\quad} \right)$$

$$\alpha = \quad^\circ$$