



**Nombre del alumn@**

## **Completa el siguiente ejercicio**

Encuentra los angulos agudos y obtusos formados por las rectas AB y PQ conociendo sus coordenadas A( 3,-2) B( 7,-8) y P( 2,5) Q( 12,3)

## Pendientes

$$m_{AB} = \frac{\boxed{\text{Yellow}} - \boxed{\text{Yellow}}}{\boxed{\text{Yellow}} - \boxed{\text{Yellow}}} = \frac{\boxed{\text{Yellow}} \boxed{\text{Green}} \boxed{\text{Yellow}}}{\boxed{\text{Yellow}} \boxed{\text{Green}} \boxed{\text{Yellow}}} = \frac{\boxed{\text{Yellow}}}{\boxed{\text{Yellow}}} \quad \text{simplificando} = m_1 = \frac{\boxed{\text{Yellow}}}{\boxed{\text{Yellow}}}$$

Angulo

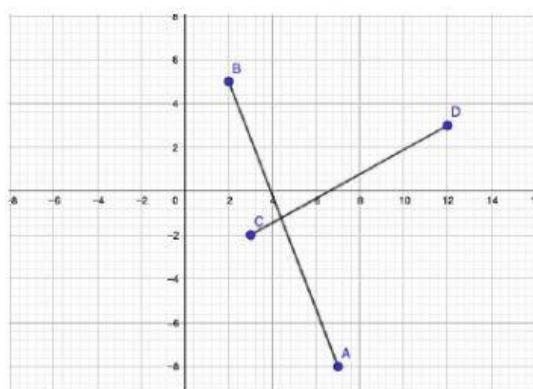
$$\text{Tan@} = \frac{m_2 - m_1}{1 + m_1 \cdot m_2} = \frac{\boxed{\phantom{00}} - \boxed{\phantom{00}}}{\boxed{\phantom{00}} + \boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} + \boxed{\phantom{00}}}{\boxed{\phantom{00}} \cdot \boxed{\phantom{00}} + \boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \boxed{\phantom{00}}$$

$\theta = \tan^{-1}$  [ ] = [ ] Tipo de angulo

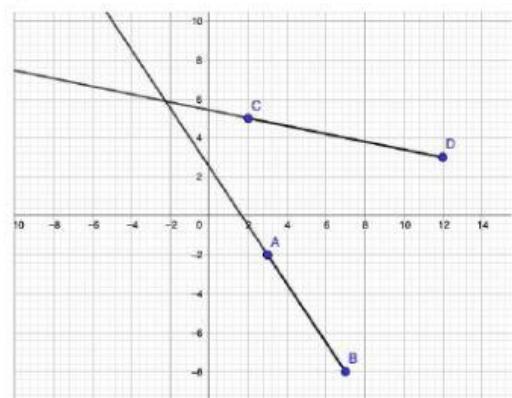
$180^\circ - @ = 180^\circ$  Nos da el angulo

Selecciona el inciso que muestra el Grafico correcto

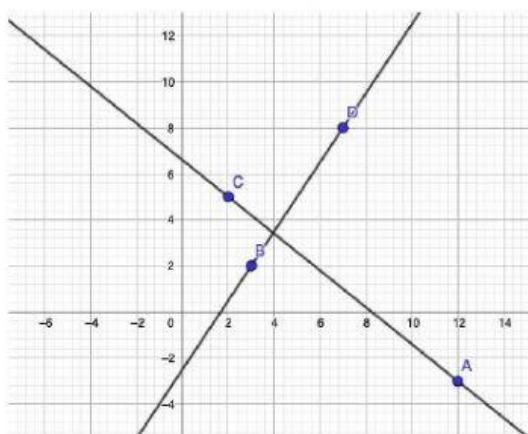
a)



b)



c)



d)

