



**Nombre de alumno :ALFREDO MARTIN
MARTRINEZ GIJON**

**Nombre del profesor: JORGE
SEBASTIAN DOMINGES**

Nombre del trabajo: RECTAS

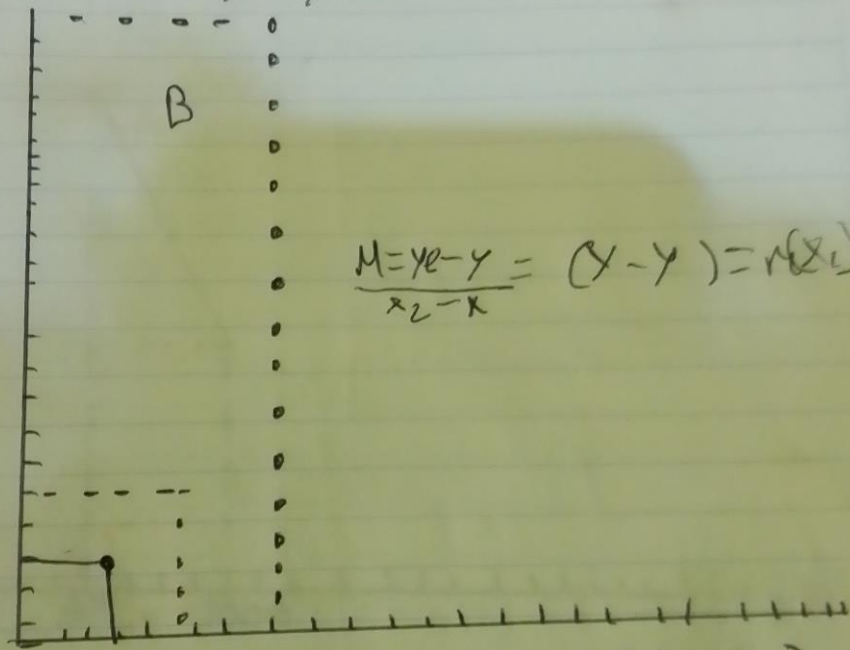
Materia: GEOMETRIA ANALITICA

Grado: 4 SEMESTRE

Grupo: A

3) 3.5 B) (7, 17)

Costo



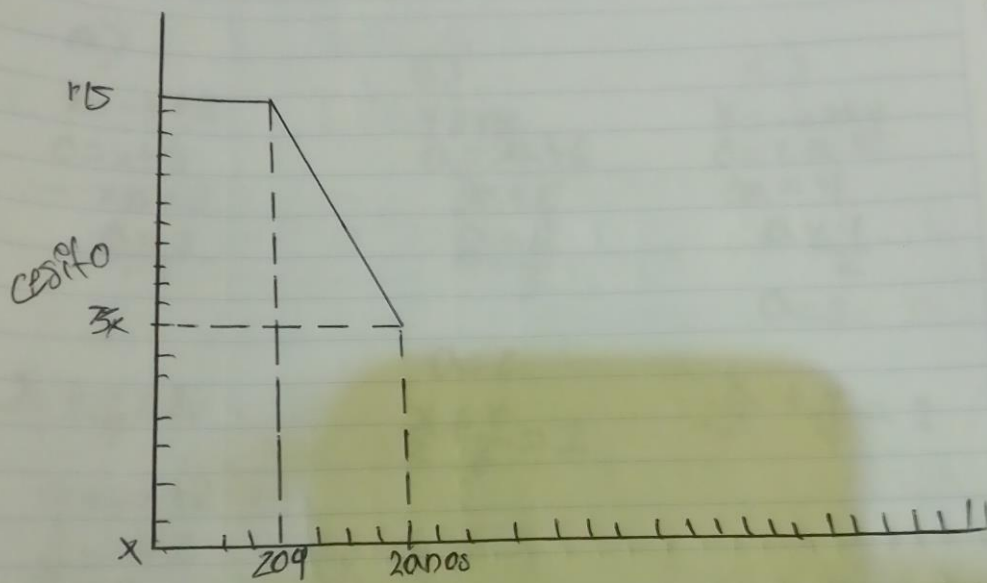
$$M = \frac{y_2 - y_1}{x_2 - x_1} = (y - y_1) = m(x - x_1)$$

$$y - 5 = 3(x - 3.5)$$

$$y - 5 = 3x - 9$$

$$y = 3x - 9 + 5$$

$$y = 3x - 4$$



$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{75 - 145}{2013 - 2009} = \frac{70 \text{ ml}}{4} = 17.5$$

$$y - y_1 = m(x - x_1)$$

$$x - 195 \quad | \quad 16(x - 2009)$$

$$y = 11.6x + 23449$$

$$\frac{70 \text{ ml}}{6} = 11.6$$

a)

$$\begin{aligned}y &= -x + 2 \\ 0 &= x + 2 \\ -x + a &= 2 \\ \frac{a-2}{-1}\end{aligned}$$

$$\frac{x+y}{2} = 1$$

$$\begin{aligned}y &= -x + 2 \\ 6 &= x + 2 \\ 0 &= 2\end{aligned}$$

b)

$$\begin{aligned}y &= 3x + 6 \\ a &= 3a + 6 \\ 3a &= 6 \\ \frac{a=6}{3}\end{aligned}$$

$$a = 2$$

$$\frac{x+y}{2} = 1$$

d)

$$\begin{aligned}y &= 3x + 8 \\ a &= 3a + 3 \\ -3a &= 5 \\ \frac{a=3}{-5} \\ a &= 1\end{aligned}$$

c)

$$\begin{aligned}y &= -2x + 4 \\ 0 &= 2a + 4 \\ 2a &= 4 \\ \frac{a=4}{2} \\ a &= 2\end{aligned}$$

$$-\frac{x}{2} + \frac{y}{4} = 1$$

cantidad 1 cantidad 2
(20, 60) (30, 40)

$$M = \frac{40 - 60}{30 - 20} = \frac{20}{10} = -6 \quad \text{pendiente}$$

$$y - 60 = -6(x - 20) \quad \text{comparacion de la Recta}$$

$$y = 60 - 6x + 120$$

$$y = -6x + 120 + 60$$

$$y = -6x + 180$$

$$y = -6x + 180$$

$$0 = -6a + 180$$

$$-6a = -180$$

$$a = \frac{180}{6}$$

$$a = 30$$

$$y = -6x + 180$$

$$b = -60 + 180$$

$$b = 120$$

$$\frac{x}{30} + \frac{y}{120}$$

$$(2012, 130) \quad (2016, 700)$$

$$m = \frac{700 - 130}{2016 - 2012} = \frac{570}{4} = 142.5$$

$$y - 130 = 142.5(x - 2012)$$
$$y - 130 = -142.5x + 287550$$

$$y - 130 = -142.5x + 287550$$
$$y = 142.5x + 287420$$
$$y = -142.5x + 287420$$

$$x + y = 1$$
$$2016 \cdot 303100$$

$$y = -142.5x + 287420$$

$$0 = -142.5x + 287420$$

$$-142.5x = -287420$$

$$a = \frac{287420}{142.5}$$

$$a = \frac{303100}{150}$$

$$a = 2020.66$$

PROFE SE LO MANDO ASI PORQUE NO PUDE PEGAR
EL ARCHIVO PERO HAY LE MANDO TODOS LOS
RESULTADOS ESPERO QUE ESTEN BIEN QUE PASE
LINDA NOCHE PROFE BYE 😊