

(27)

$$y = 2x - 3$$

$$y = -2x + 1$$

$$2y = -2$$

$$y = \frac{-2}{2} = -1$$

$$\Rightarrow -1 = 2x - 3 // 2x = 2 // x = \underline{\underline{1}}$$

Punto corte $(1, -1)$

(28)

$$y = 5x + 1000$$

$$y = 10x + 200$$

$$-y = -5x - 1000$$

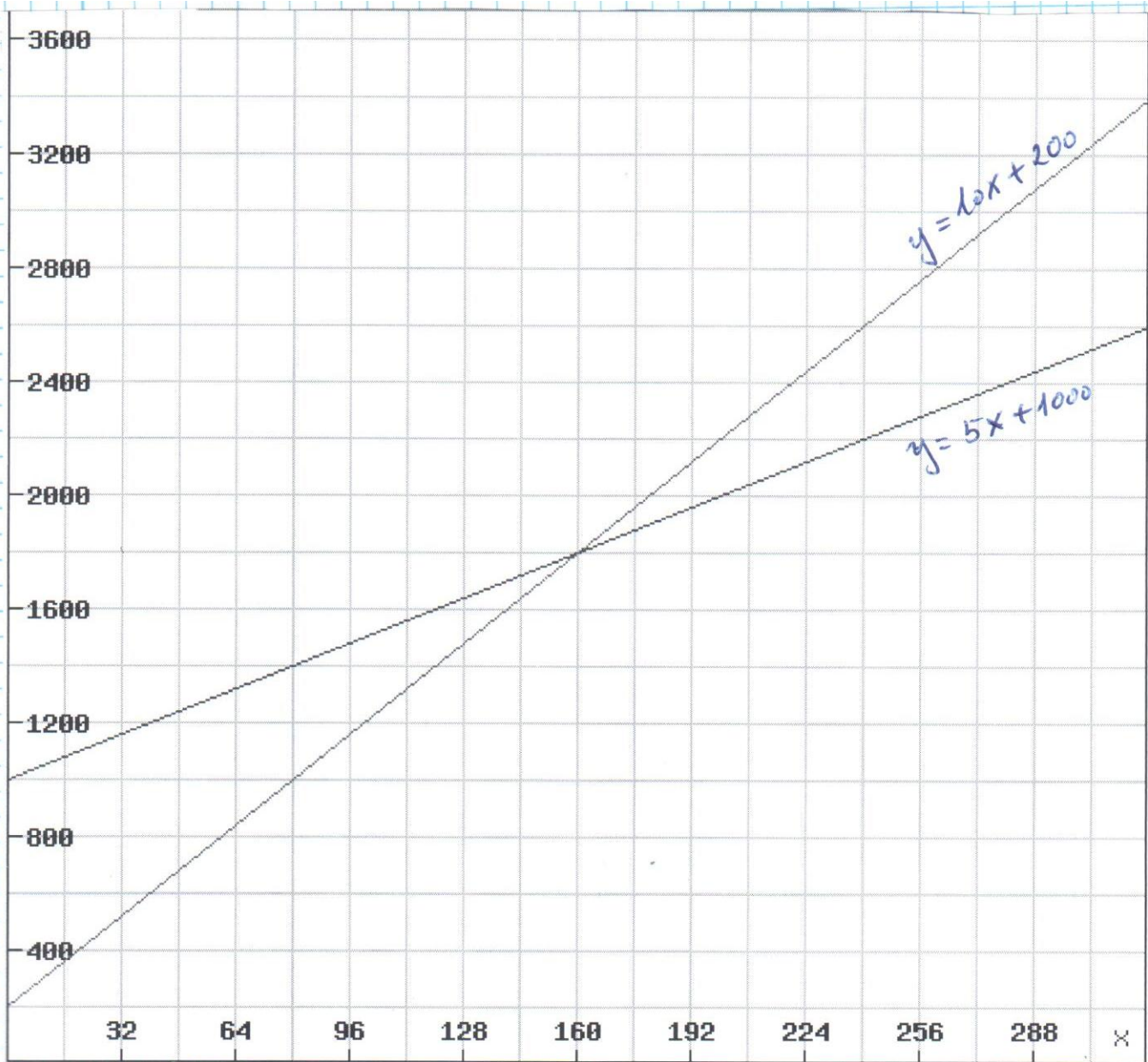
$$y = 10x + 200$$

$$0 = 5x - 800$$

$$5x = 800$$

$$x = \frac{800}{5} = 160$$

Punto de corte 160 personas.



(29)

$$y = 90x$$

$$y = -100x + 344$$

$$-y = -90x$$

$$y = -100x + 344$$

$$0 = -190x + 344$$

$$x = \frac{-344}{-190} = 1'81h.$$

Se encontraran
después de

$$x = 1^h 48m 36s.$$

$$y = 90 \cdot 1'81 = 162'9 km.$$

Se encontraran a 162'9 km del punto de partida del primer tren.

