



MEDIANA ①

$$\rightarrow M_{AC} \left(\frac{-1+7}{2}, \frac{-2+0}{2} \right) = M_{AC} (3, -1) \text{ PUNTO MEDIO LADO AC}$$

$$\rightarrow B(1,6)$$

$$\rightarrow \vec{MB} (-2, 7)$$

$$\frac{x-1}{-2} = \frac{y-6}{7}$$

$$7x-7 = -2y+12$$

$$\boxed{7x+2y-19=0}$$

MEDIANA ②

$$\rightarrow M_{AB} \left(\frac{1+7}{2}, \frac{6+0}{2} \right) = M_{AB} (4, 3) \text{ PUNTO MEDIO LADO AB}$$

$$\rightarrow C(-1,-2)$$

$$\rightarrow \vec{MC} (-5, -5)$$

$$\frac{x+1}{-5} = \frac{y+2}{-5}$$

$$x+1 = y+2$$

$$\boxed{x-y-1=0}$$

$$7x + 2y - 19 = 0$$

$$x - y - 1 = 0$$

$$7x + 2y - 19 = 0$$

$$2x - 2y - 2 = 0$$

$$9x - 21 = 0$$

$$x = \frac{21}{9} = \frac{7}{3}$$

$$\frac{7}{3} - y - 1 = 0 \Rightarrow y = \frac{7}{3} - 1 = \frac{4}{3}$$

Baricentro $\left(\frac{7}{3}, \frac{4}{3}\right)$