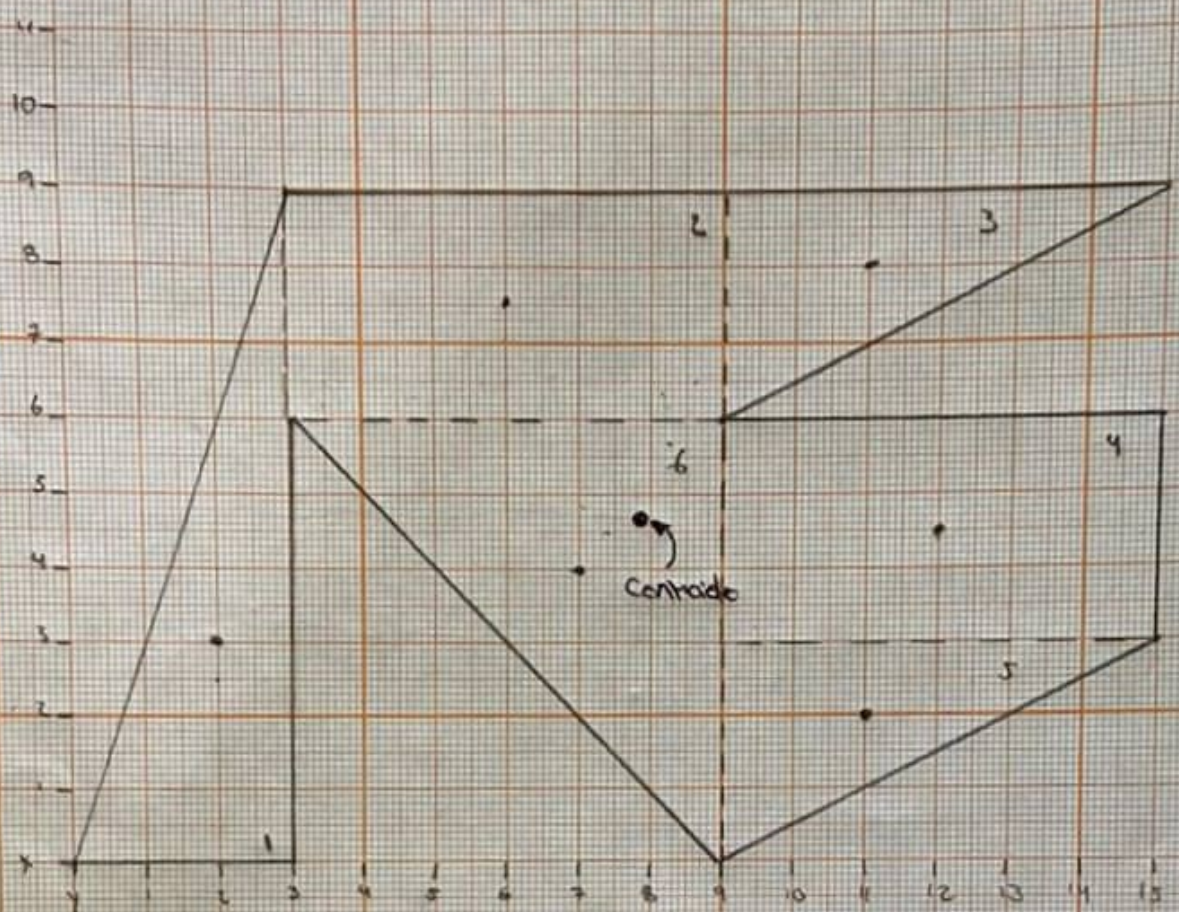

$A_1 = \frac{B \times h}{2}$

$A_1 = \frac{3 \times 9}{2}$

$A_1 = 13.5^u$

$C_1 = (2,3)$

$A_2 = B \times h$

$A_2 = 6 \times 3$

$A_2 = 18^u$

$C_1 = (6, 7.5)$

$A_3 = \frac{B \times h}{2}$

$A_3 = \frac{6 \times 3}{2}$

$A_3 = 9^u$

$C_2 = (11,8)$

$A_4 = B \times h$

$A_4 = 6 \times 3$

$A_4 = 18^u$

$C_1 = (12,4.5)$

$A_5 = \frac{8 \times h}{2}$

$A_5 = \frac{6 \times 3}{2}$

$A_5 = 9^u$

$C_1 = (11,2)$

$A_6 = \frac{B \times h}{2}$

$A_6 = \frac{6 \times 6}{2}$

$A_6 = 18^u$

$C_1 = (7,4)$

$$X_{centroide} = \frac{A_1 \cdot X_1 + A_2 \cdot X_2 + A_3 X_3 + A_4 X_4 + A_5 \cdot X_5 + A_6 \cdot X_6}{A_1 + A_2 + A_3 + A_4 + A_5 + A_6}$$

$$X = \frac{((13.5 \times 2) + (18 \times 6) + (9 \times 11) + (18 \times 12) + (9 \times 11) + (18 \times 7))}{13.5 + 18 + 9 + 18 + 9 + 18}$$

$X = 7.89$

$$Y = \frac{((13.5 \times 3) + (18 \times 7.5) + (9 \times 8) + (18 \times 4.5) + (9 \times 2) + (18 \times 4))}{13.5 + 18 + 9 + 18 + 9 + 18}$$

$Y = 4.89$