



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

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

$$A_1 = \frac{27}{2} = 13.5 \text{ u}^2$$

$$C_1 = (2, 3)$$

$$A_2 = \frac{B \times h}{2}$$

$$A_2 = \frac{6 \times 6}{2}$$

$$A_2 = \frac{36}{2} = 18 \text{ u}^2$$

$$C_2 = (7, 4)$$

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

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

$$A_3 = \frac{18}{2} = 9 \text{ u}^2$$

$$C_3 = (11, 2)$$

$$A_4 = B \times h$$

$$A_4 = 6 \times 3$$

$$A_4 = 18 \text{ u}^2$$

$$C_4 = (11, 4.5)$$

$$A_5 = B \times h$$

$$A_5 = 6 \times 3$$

$$A_5 = 18 \text{ u}^2$$

$$C_5 = (6, 7.5)$$

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

$$A_6 = \frac{6 \times 3}{2} = \frac{18}{2}$$

$$A_6 = 9 \text{ u}^2$$

$$C_6 = (1, 8)$$

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

$$13.5 + 18 + 9 + 18 + 18 + 9$$

$$X_c = 7.68$$

$$X_c = \frac{(13.5 \times 3) + (18 \times 4) + (9 \times 2) + (18 \times 5) + (18 \times 2.5) + (9 \times 2)}{13.5 + 18 + 9 + 18 + 15 + 9}$$

$$13.5 + 18 + 9 + 18 + 15 + 9$$

$$X_y = 4.89$$

$$C = (7.68, 4.89)$$