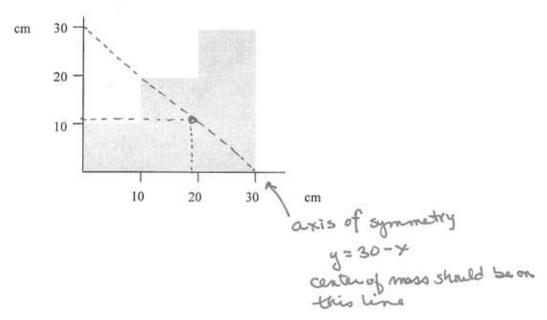
3. A uniform piece of sheet steel is shaped as shown below. Compute the x and y components of the center-of-mass.



$$Y_{CM} = 3(5) + 2(15) + 1(25)$$
  
 $= \frac{10}{6} = 11.67 \text{ cm}$   
 $= \frac{10}{6} = 30 - \text{Y}_{CM}$   
 $= 30 - 11.67$   
 $\times \text{CM} = 18.33 \text{ cm}$