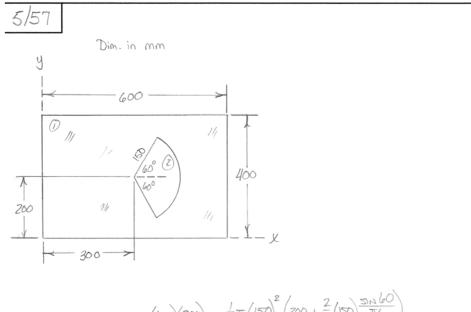
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$$\overline{X} = \frac{\Xi A \overline{\nu}}{\overline{\Sigma} A} = \frac{400 (600)(300) - \frac{1}{3}\pi (150)^2 (300 + \frac{2}{3}(150)\frac{500}{\pi/3})}{400(600) - \frac{1}{3}\pi (150)^2}$$

$$\overline{Y} = 291 \text{ mm}$$
 (INSPECTION)