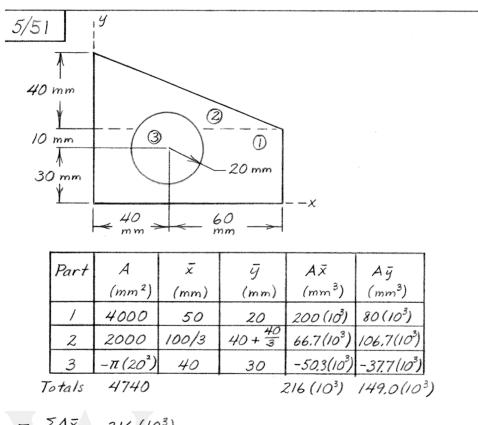
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$$\overline{X} = \frac{\sum A\overline{x}}{\sum A} = \frac{216(10^3)}{4740} = \frac{45.6 \text{ mm}}{4}$$

$$\overline{Y} = \frac{\overline{Z}A\overline{y}}{\overline{Z}A} = \frac{149.0(10^3)}{4740} = 31.4 \text{ mm}$$