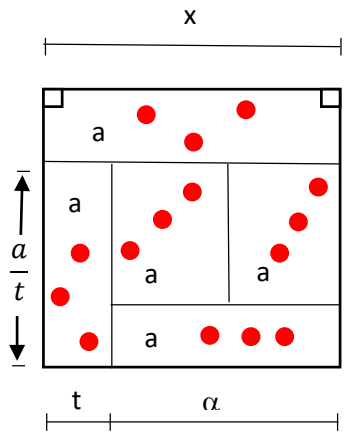


Area Geometry



Square

Given $A_{\text{square}} = 5a = x^2$

$$\alpha \cdot \frac{a}{t} = 3a$$

$$\frac{\alpha}{t} = 3$$

$$\alpha = 3t$$

Example: $t = 5$

$$\alpha = 3 \cdot 5 = 15$$

$$x = t + \alpha = 5 + 15 = 20$$

$$S = x^2 = 400$$

$$a = \frac{400}{5} = 80$$