

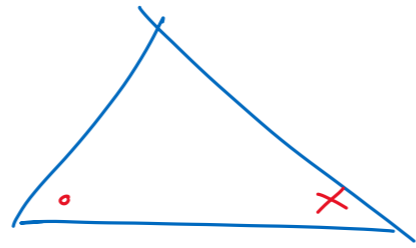
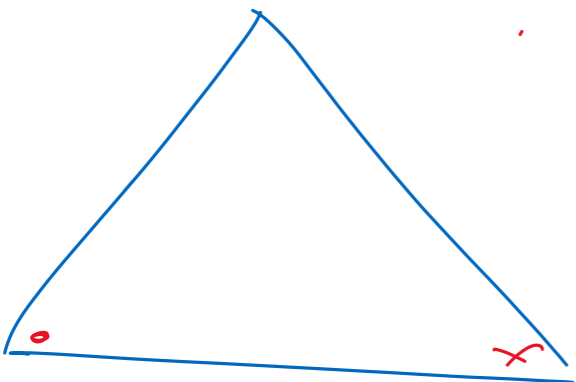
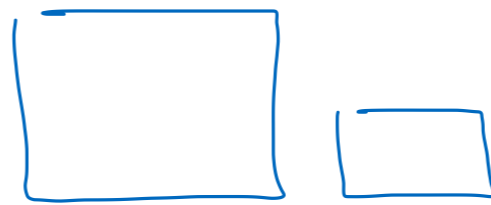
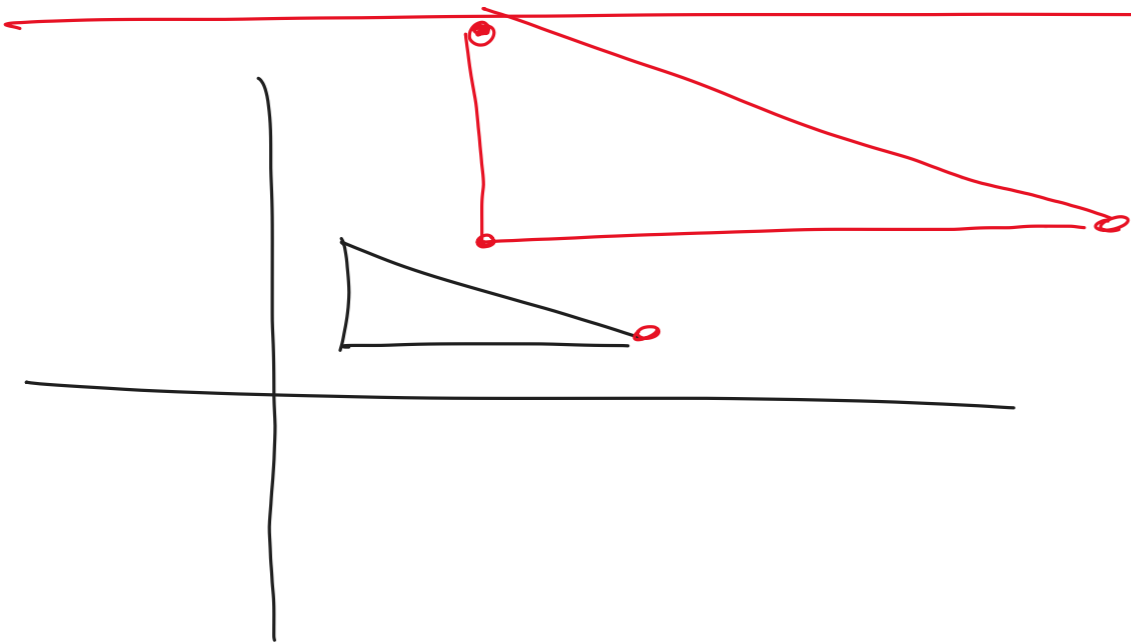
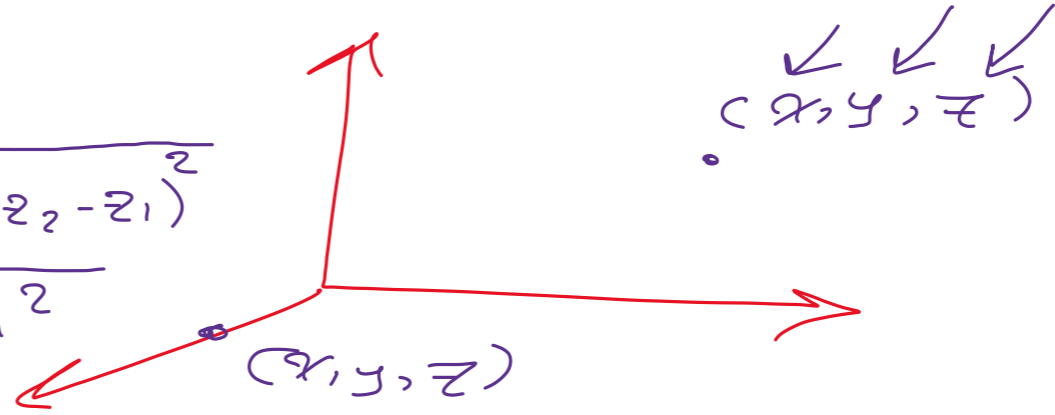
$$\text{Volume} = (\text{Area of Base}) * h \quad \text{unit}^3$$

$$\text{L.S.A} = (\text{P. of Base}) * h \quad \text{unit}^2$$

$$\text{S.A} = \text{L.S.A} + 2 * \text{A.B}$$

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2 + (z_2 - z_1)^2}$$

$$d = \sqrt{L^2 + w^2 + h^2}$$

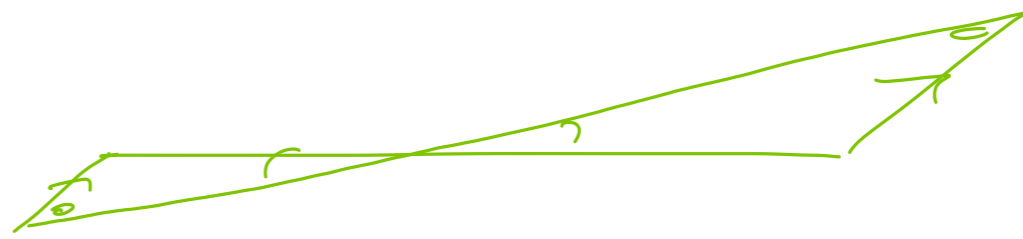
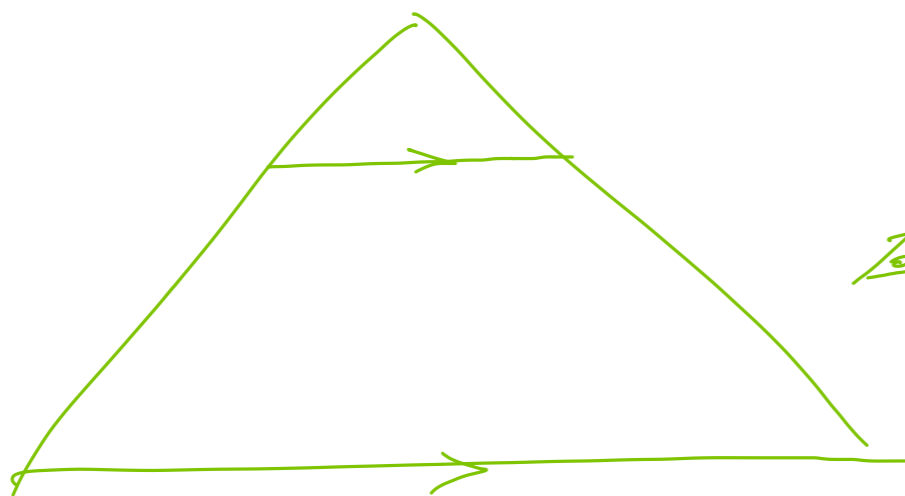


Similar Δ :-

AA
SAS
SSS

Congruent :-

① similar
② scale = 1



$$\text{scale} = \frac{S_1}{S_2} = \frac{h_1}{h_2} = \frac{A_1}{A_2} = \frac{r_1}{r_2} = \frac{u}{u}$$

$$\frac{A_1}{A_2} = \left(\frac{S_1}{S_2}\right)^2 = \frac{u^2}{u^2}$$

$$\frac{V_1}{V_2} = \left(\frac{S_1}{S_2}\right)^3 = \frac{u^3}{u^3}$$