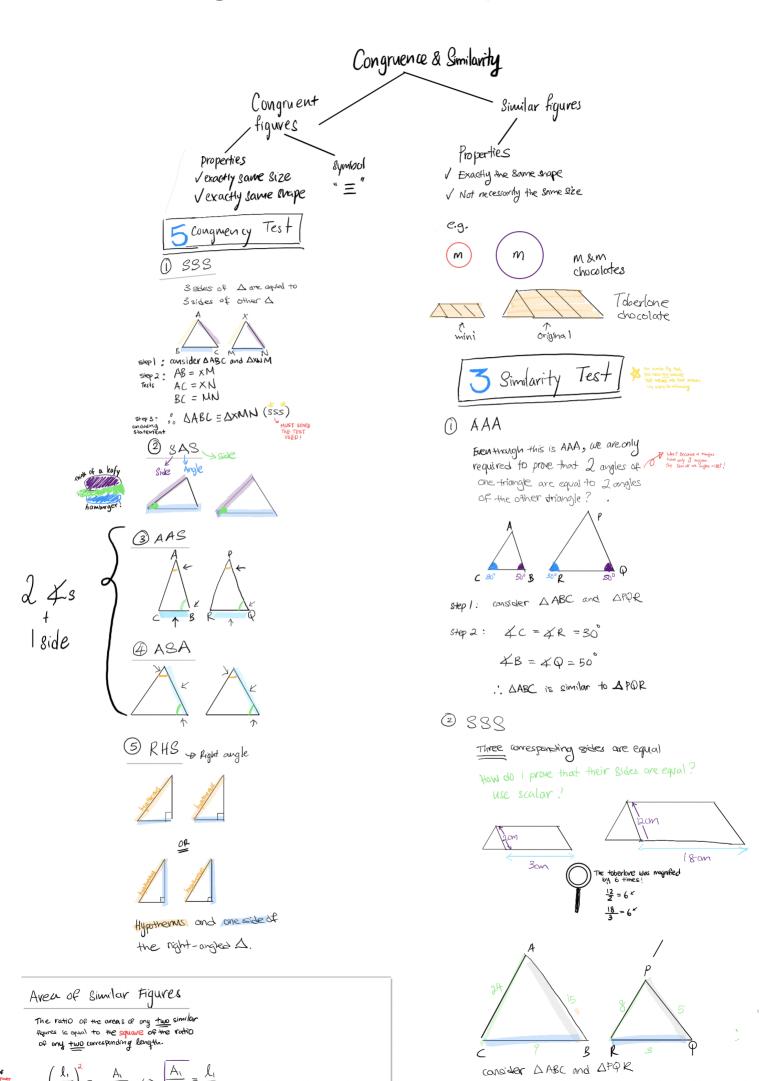
## O level Emath- Congruence and similarity





Volume of Similar Figures.

$$\left(\frac{\ell_1}{\ell_2}\right)^3 = \frac{\sqrt{\ell_1}}{\sqrt{\ell_2}} \iff \frac{3}{\sqrt{\ell_1}} = \frac{\ell_1}{\ell_2}$$

The ratio of the vol of two similar solves is equal to the cube of the ratio of any

$$\frac{AB}{PQ} = K$$

$$\frac{AB}{PQ} = \frac{BC}{QR} = \frac{AC}{PR} = K$$

. ΔABC is similar to ΔPQR



