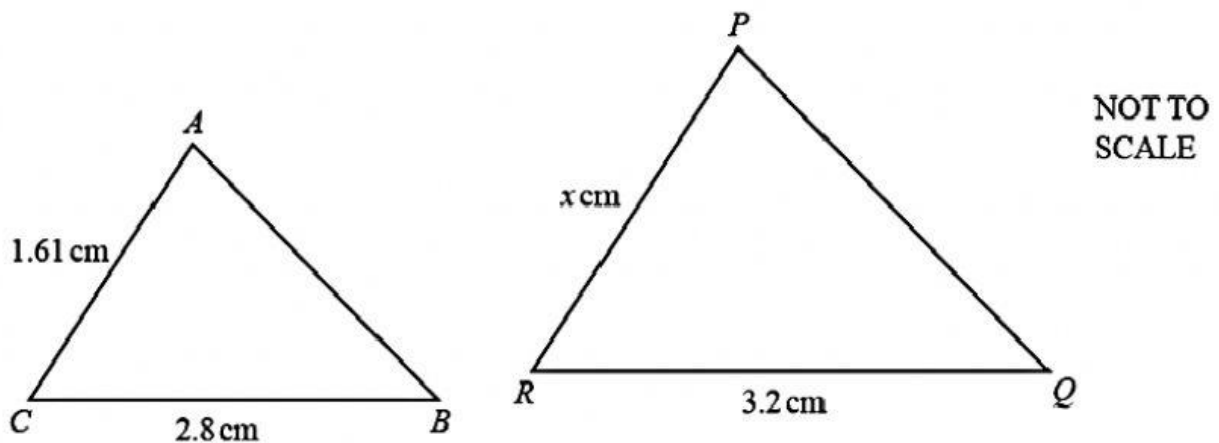


FINDING UNKNOWN LENGTH OF A SIMILAR SHAPE

Question 1: Triangle ABC is mathematically similar to triangle PQR . Find the value of x



$$\frac{PR}{BC} = \frac{AC}{RQ}$$

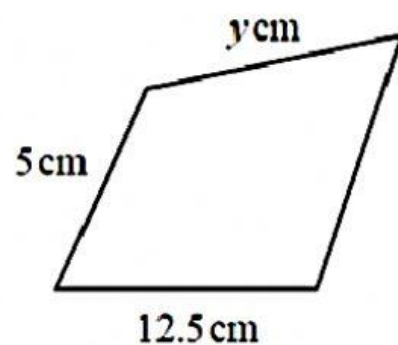
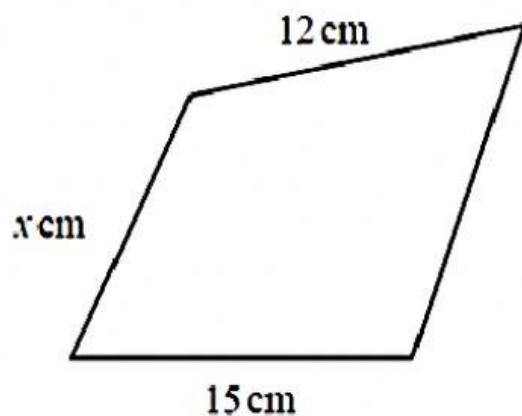
$$\frac{x}{3.2} = \frac{1.61}{2.8}$$

$$x \times 2.8 = 1.61 \times 3.2$$

$$x = \frac{1.61 \times 3.2}{2.8}$$

FINDING UNKNOWN LENGTH OF A SIMILAR SHAPE

Question 2: The two shapes are mathematically similar. Find the value of y



NOT TO
SCALE

$$\frac{y}{\quad} = \frac{\quad}{\quad}$$

$$\times \quad y = \quad \times$$

$$y = \quad$$