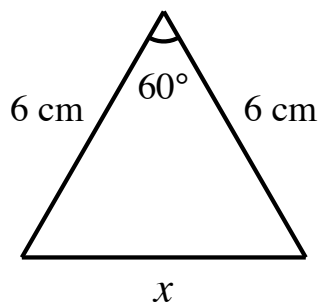


$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$c^2 = a^2 + b^2 - 2ab \cos C$$

Sine Rule & Cosine Rule (A)

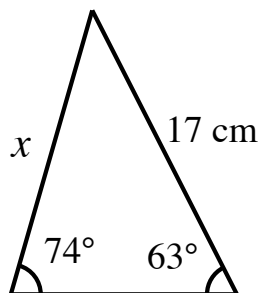


Find the value of x . Give your answer to 1 decimal place.

$$x^2 = 6^2 + 6^2 - 2(6)(6) \cos 60^\circ$$

$$= 36$$

$$x = 6.0 \text{ cm}$$



Find the value of x . Give your answer to 1 decimal place.

$$\frac{x}{\sin 63^\circ} = \frac{17}{\sin 74^\circ}$$

$$x = \frac{17 \sin 63^\circ}{\sin 74^\circ}$$

$$\approx 15.8 \text{ cm}$$