

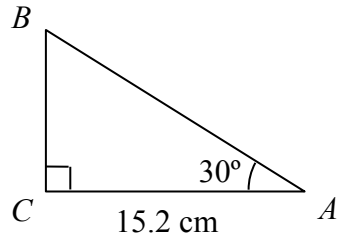


TRIGONOMETRY

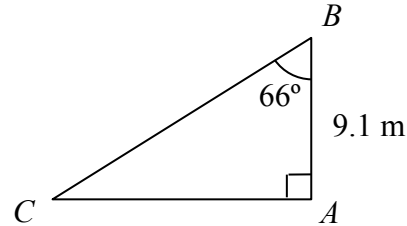
THE TANGENT RATIO

Ref: G552. **2F1**

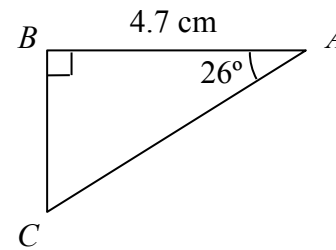
A1 Find length BC



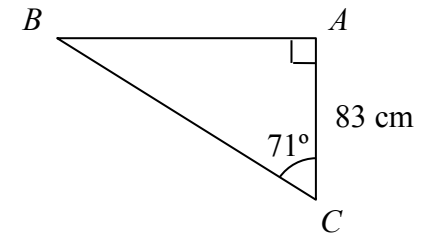
A2 Find length AC



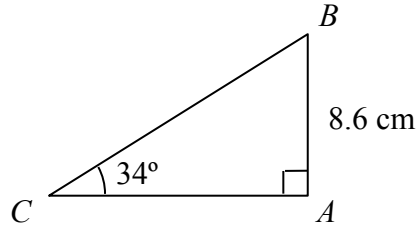
A3 Find length BC



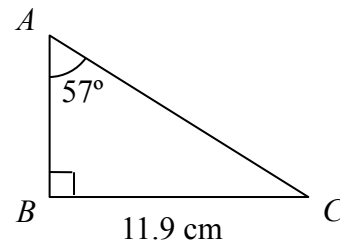
A4 Find length AB



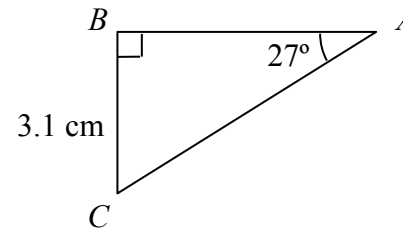
B1 Find length AC



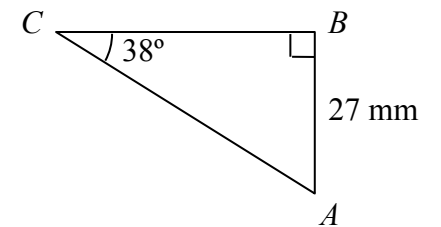
B2 Find length AB



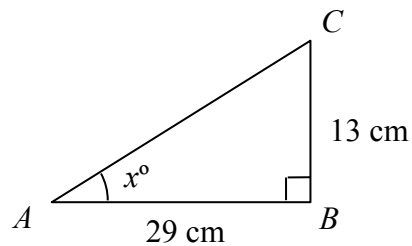
B3 Find length AB



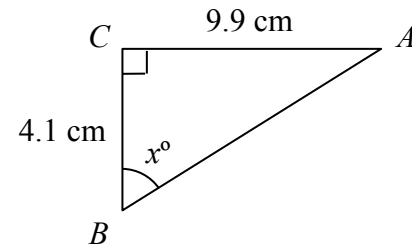
B4 Find length BC



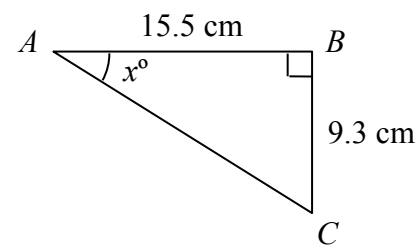
C1 Find angle BAC



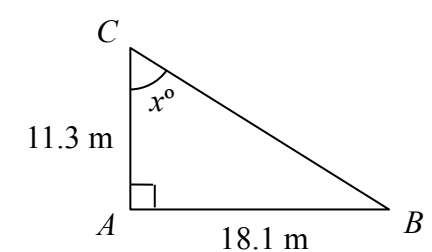
C2 Find angle ABC



C3 Find angle BAC



C4 Find angle ACB



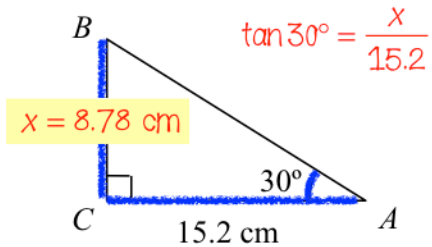


TRIGONOMETRY THE TANGENT RATIO

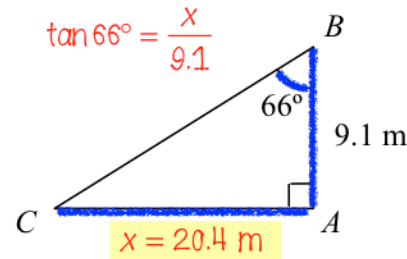
$$\tan \theta = \frac{\text{opp}}{\text{adj}} \Rightarrow \text{opp} = \text{adj} \times \tan \theta \Rightarrow \text{adj} = \frac{\text{opp}}{\tan \theta}$$

Ref: G552. **2F1**

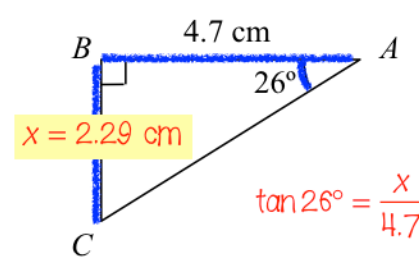
A1 Find length BC



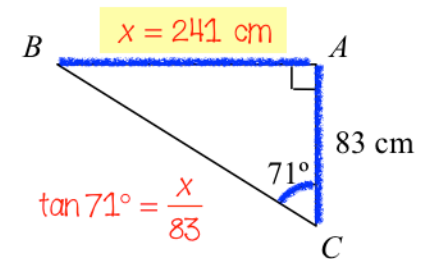
A2 Find length AC



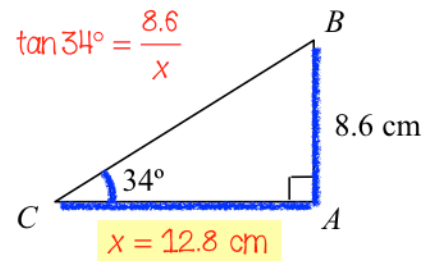
A3 Find length BC



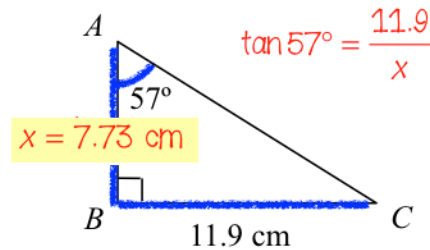
A4 Find length AB



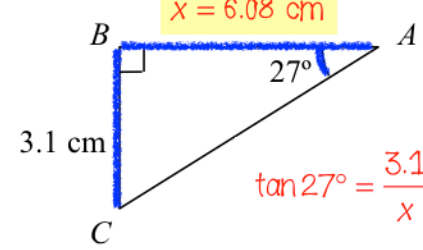
B1 Find length AC



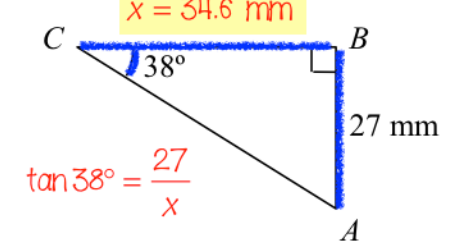
B2 Find length AB



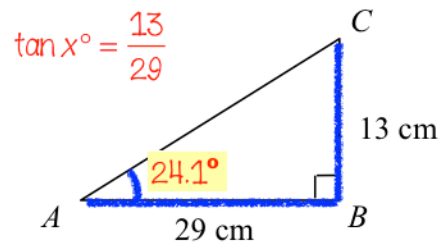
B3 Find length AB



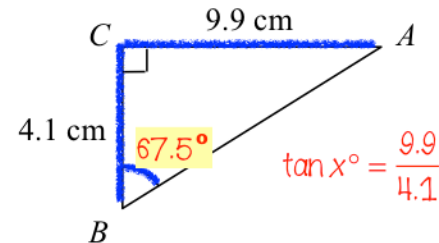
B4 Find length BC



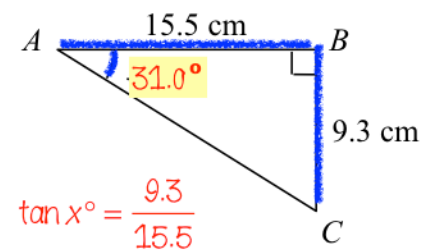
C1 Find angle BAC



C2 Find angle ABC



C3 Find angle BAC



C4 Find angle ACB

