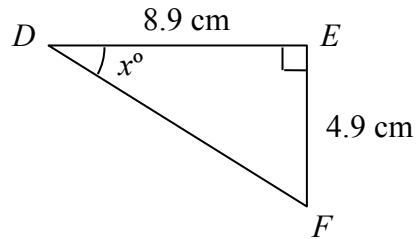




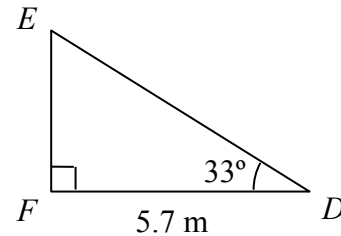
TRIGONOMETRY THE TANGENT RATIO

Ref: G552. **2S1**

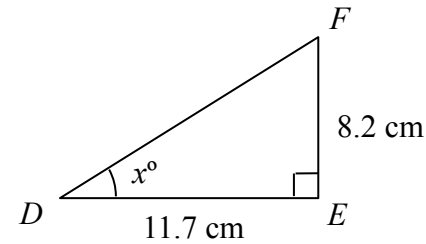
A1 Find angle EDF



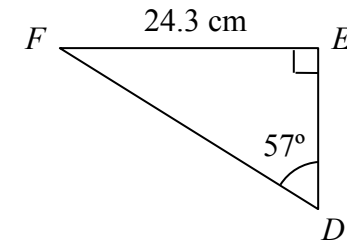
A2 Find length EF



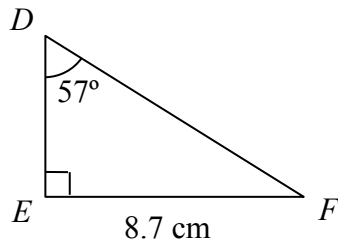
A3 Find angle EDF



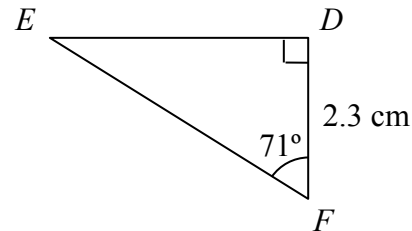
A4 Find length DE



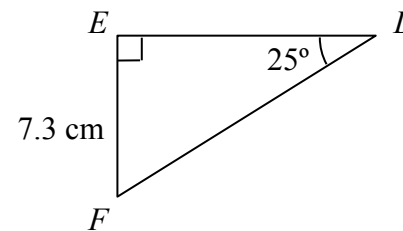
B1 Find length DE



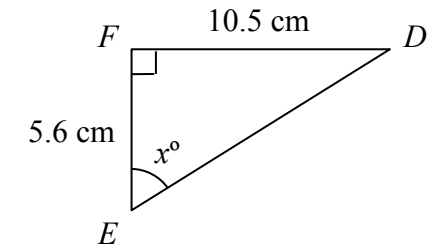
B2 Find length DE



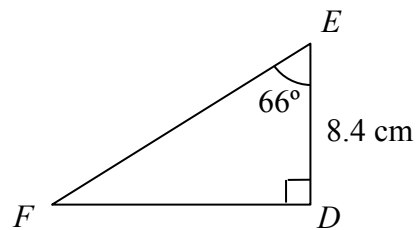
B3 Find length DE



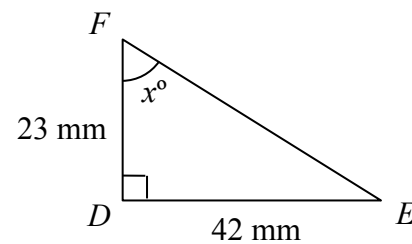
B4 Find angle DEF



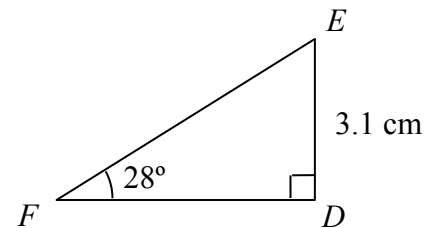
C1 Find length DF



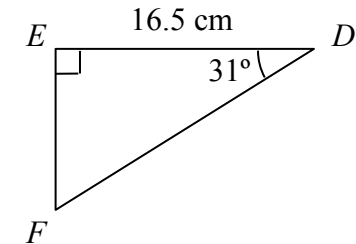
C2 Find angle DFE



C3 Find length DF



C4 Find length EF



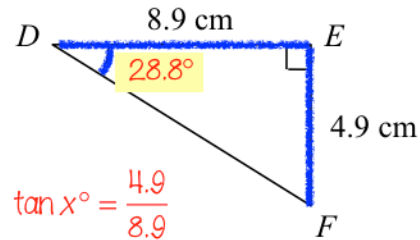


TRIGONOMETRY THE TANGENT RATIO

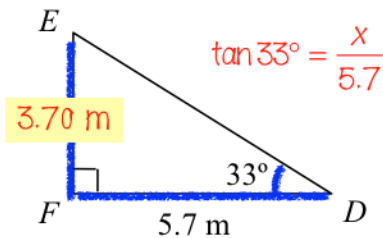
$$\tan \theta = \frac{\text{opp}}{\text{adj}} \Rightarrow \text{opp} = \text{adj} \times \tan \theta \Rightarrow \text{adj} = \frac{\text{opp}}{\tan \theta}$$

Ref: G552. **2S1**

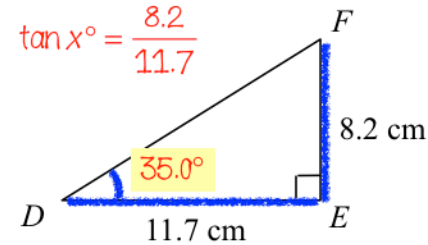
A1 Find angle EDF



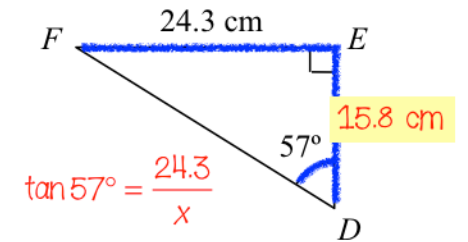
A2 Find length EF



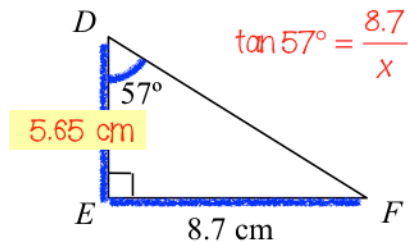
A3 Find angle EDF



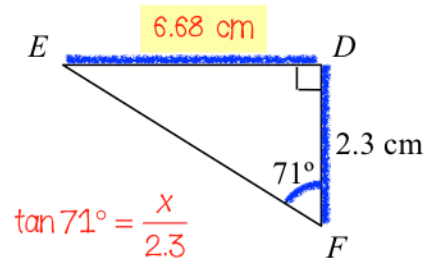
A4 Find length DE



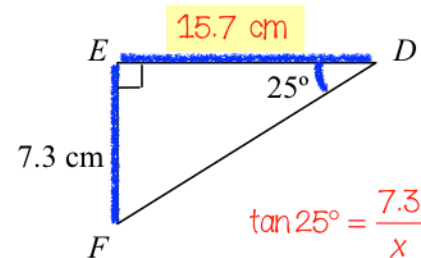
B1 Find length DE



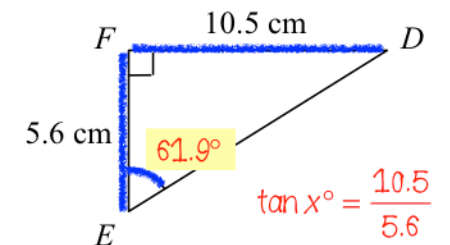
B2 Find length DE



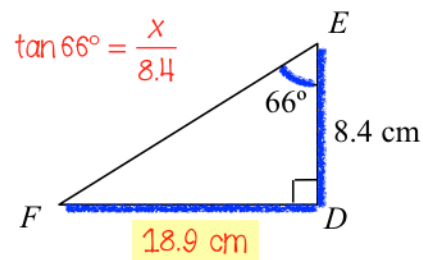
B3 Find length DE



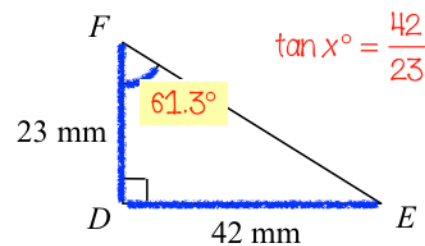
B4 Find angle DEF



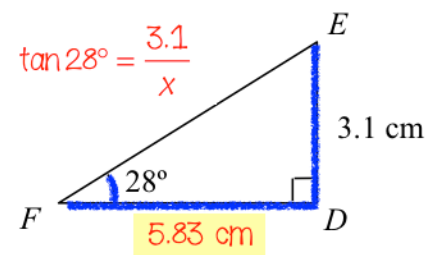
C1 Find length DF



C2 Find angle DFE



C3 Find length DF



C4 Find length EF

