

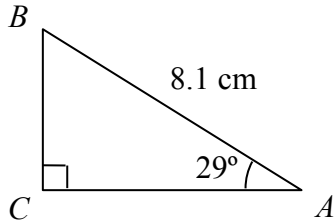


## TRIGONOMETRY

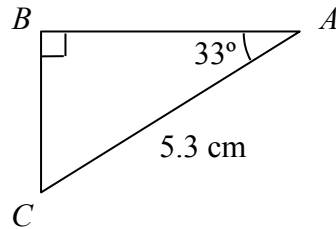
### THE SINE RATIO

Ref: G552. **3F1**

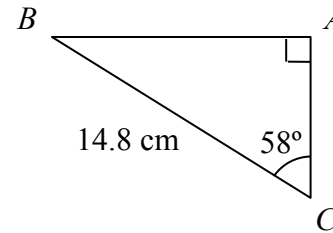
**A1** Find length  $BC$



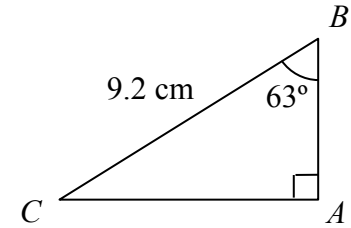
**A2** Find length  $BC$



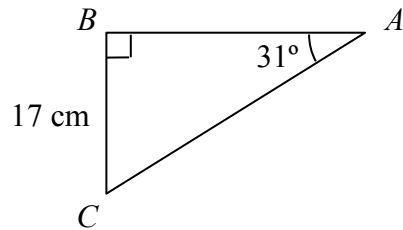
**A3** Find length  $AB$



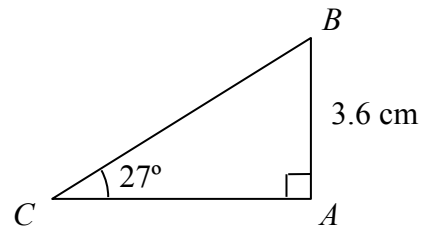
**A4** Find length  $AC$



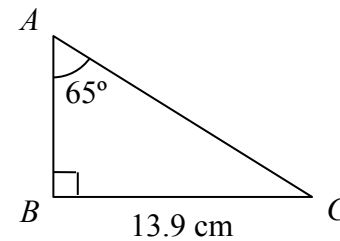
**B1** Find length  $AC$



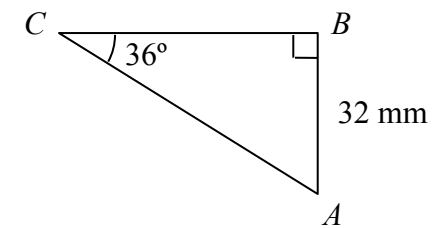
**B2** Find length  $BC$



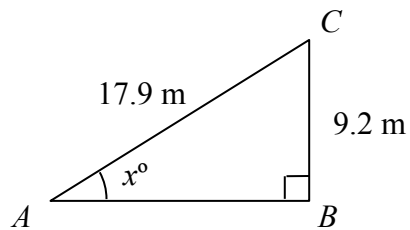
**B3** Find length  $AC$



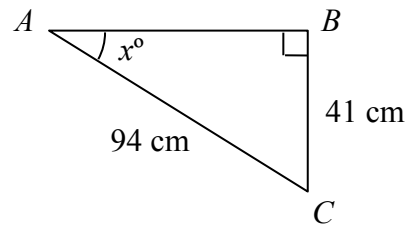
**B4** Find length  $AC$



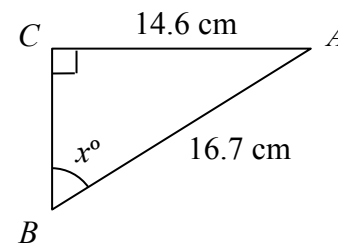
**C1** Find angle  $BAC$



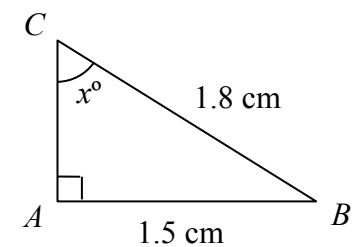
**C2** Find angle  $BAC$



**C3** Find angle  $ABC$



**C4** Find angle  $ACB$



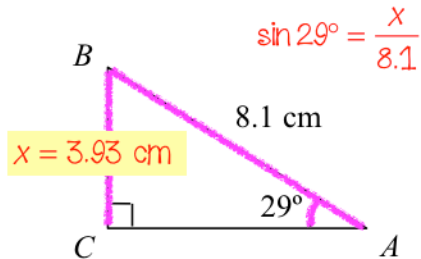


## TRIGONOMETRY THE SINE RATIO

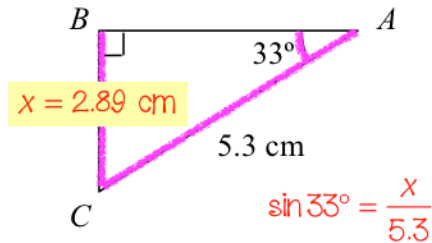
$$\sin \theta = \frac{\text{opp}}{\text{hyp}} \Rightarrow \text{opp} = \text{hyp} \times \sin \theta \Rightarrow \text{hyp} = \frac{\text{opp}}{\sin \theta}$$

Ref: G552. **3F1**

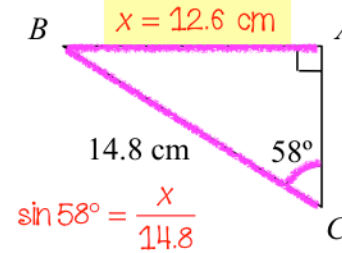
**A1** Find length  $BC$



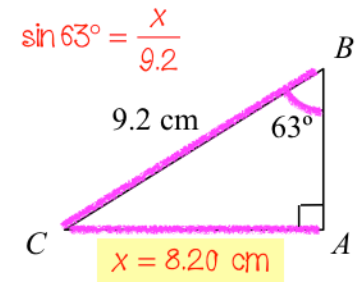
**A2** Find length  $BC$



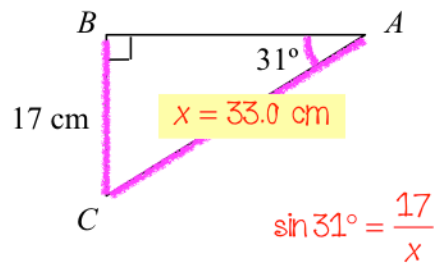
**A3** Find length  $AB$



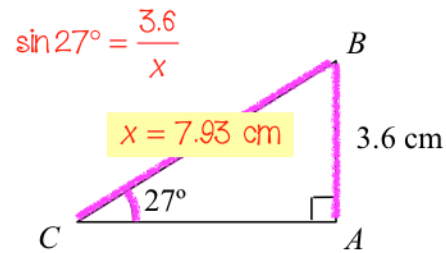
**A4** Find length  $AC$



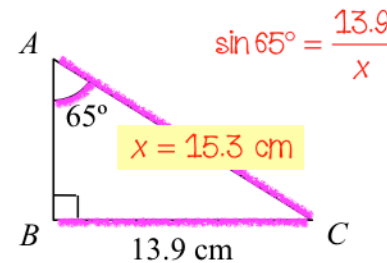
**B1** Find length  $AC$



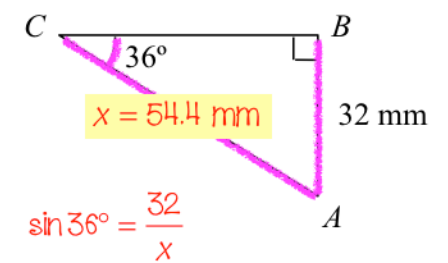
**B2** Find length  $BC$



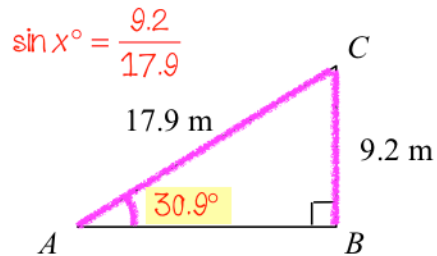
**B3** Find length  $AC$



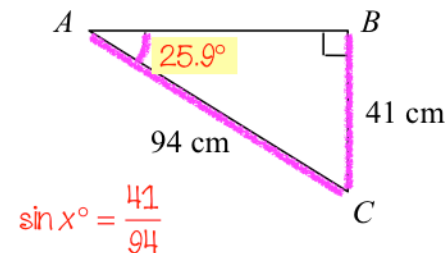
**B4** Find length  $AC$



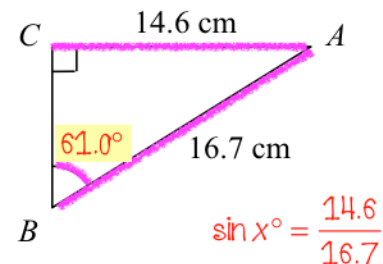
**C1** Find angle  $BAC$



**C2** Find angle  $BAC$



**C3** Find angle  $ABC$



**C4** Find angle  $ACB$

