

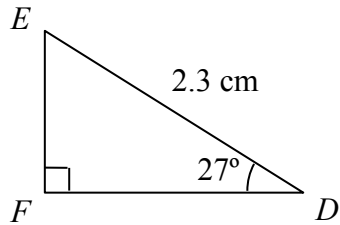


## TRIGONOMETRY

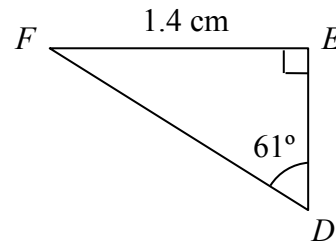
### THE SINE RATIO

Ref: G552. **3S1**

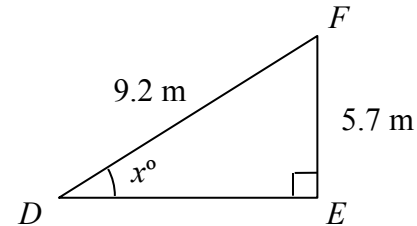
**A1** Find length  $EF$



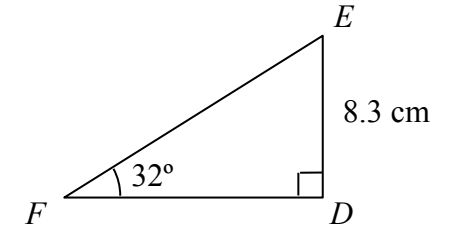
**A2** Find length  $DF$



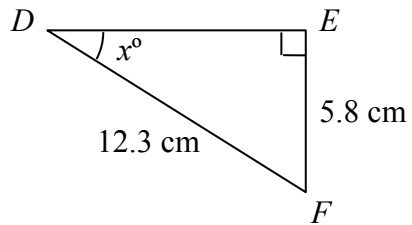
**A3** Find angle  $EDF$



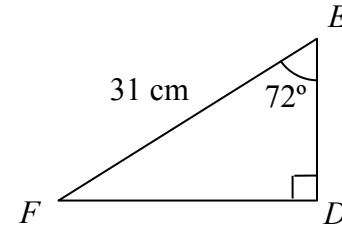
**A4** Find length  $EF$



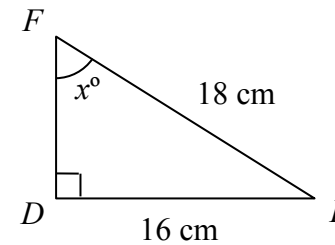
**B1** Find angle  $EDF$



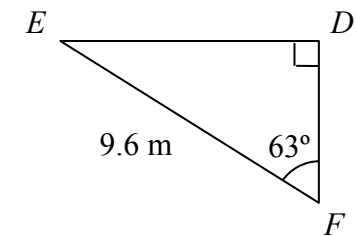
**B2** Find length  $DF$



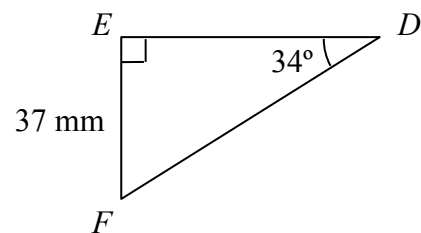
**B3** Find angle  $DFE$



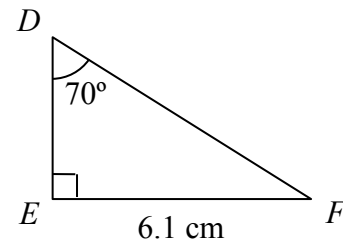
**B4** Find length  $DE$



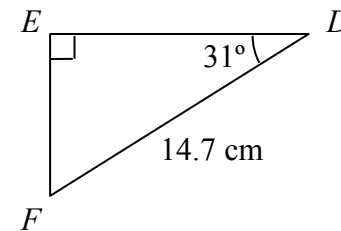
**C1** Find length  $DF$



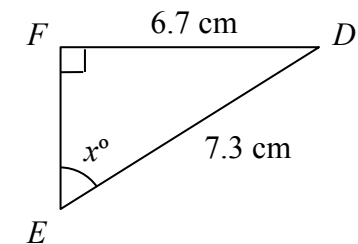
**C2** Find length  $DF$



**C3** Find length  $EF$



**C4** Find angle  $DEF$





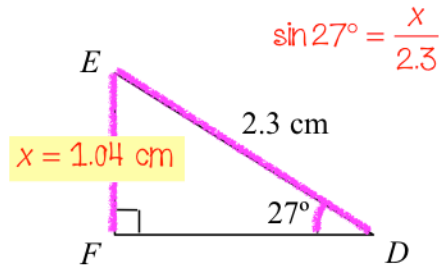
# STRENGTHEN

## TRIGONOMETRY THE SINE RATIO

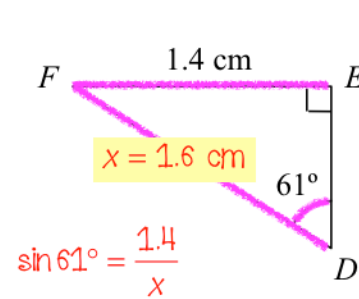
$$\sin \theta = \frac{\text{opp}}{\text{hyp}} \Rightarrow \text{opp} = \text{hyp} \times \sin \theta \Rightarrow \text{hyp} = \frac{\text{opp}}{\sin \theta}$$

Ref: G552. **3S1**

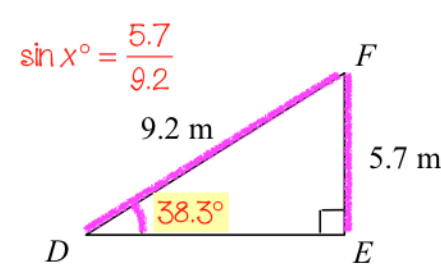
**A1** Find length  $EF$



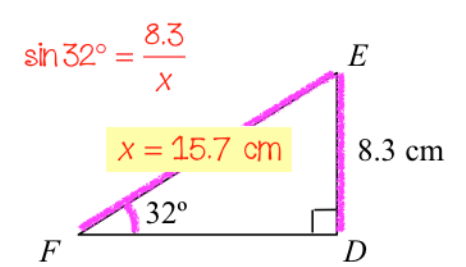
**A2** Find length  $DF$



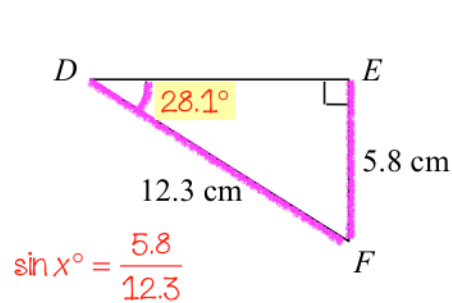
**A3** Find angle  $EDF$



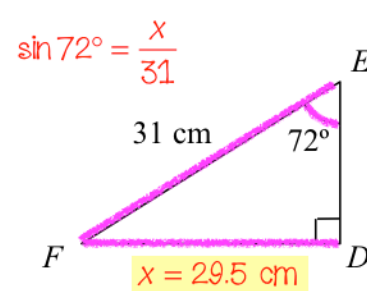
**A4** Find length  $EF$



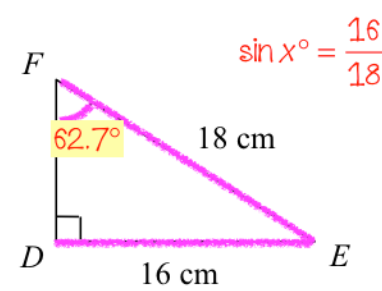
**B1** Find angle  $EDF$



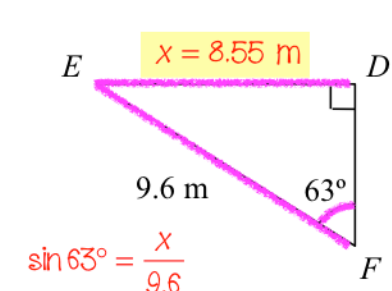
**B2** Find length  $DF$



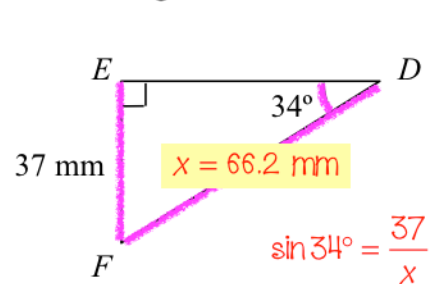
**B3** Find angle  $DFE$



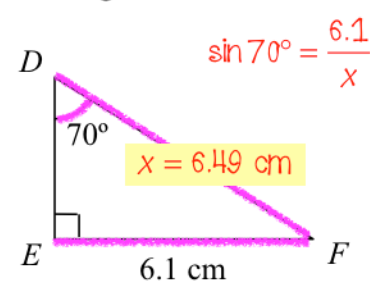
**B4** Find length  $DE$



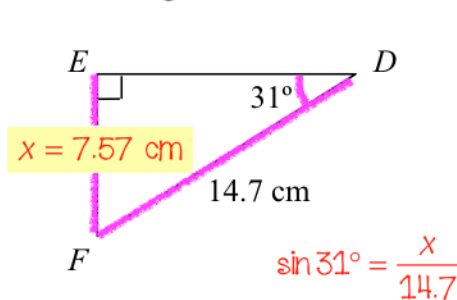
**C1** Find length  $DF$



**C2** Find length  $DF$



**C3** Find length  $EF$



**C4** Find angle  $DEF$

