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b

$$i) \cos x = 0.62$$

$$x = \cos^{-1}(0.62)$$

$$x = 51.68^\circ \quad \text{2dp}$$

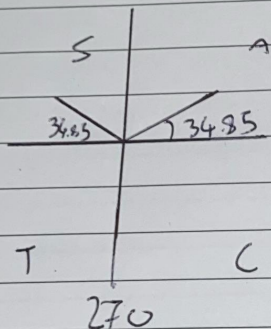
$$360 - 51.68 = 308.32^\circ$$

$$ii) 7 \sin x = 4$$

$$\sin x = \frac{4}{7}$$

$$x = \sin^{-1}\left(\frac{4}{7}\right)$$

$$x = 34.85^\circ$$



$$x = 180 - 34.85$$

$$x = 145.15^\circ$$

$$iii) -5 \tan x = 4$$

$$\tan x = \frac{4}{5}$$

$$x = \tan^{-1}\left(\frac{4}{5}\right)$$

$$= 38.66^\circ$$

$$x = 180 - 38.66$$

$$= 141.34^\circ$$