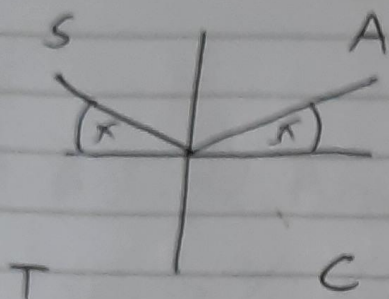


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Question 2

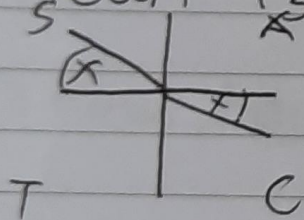
or i) $\sin x = 0.43$
 $x = \sin^{-1}(0.43)$
 $x = 25.47^\circ$



$$x = 180^\circ - 25.47^\circ$$
$$x = 154.53$$

ii) $5 \tan x = -7$

$$\tan^{-1}\left(\frac{-7}{5}\right) = -54.46 \quad x = 54.46^\circ$$

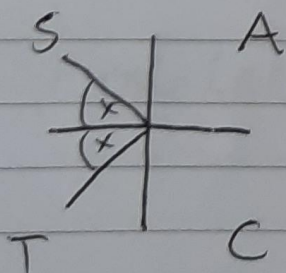


$$x = 180 - 54.46$$
$$x = 125.54^\circ$$

$$x = 360 - 54.46$$

$$x = 305.54$$

iii) $5 \cos x = 3$
 $x = \cos^{-1}\left(\frac{3}{5}\right) = 53.13$



$$x = 180 - 53.13$$

$$x = 126.87$$

$$x = 360 + 53.13$$

$$x = 233.13$$