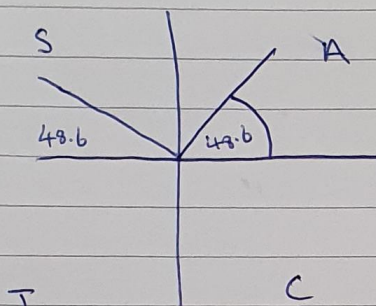


Adam Evans 2005959

6/11/2020

③

a) i) $\sin x = 0.75$
 $x = \sin^{-1}(0.75) = 48.6^\circ$

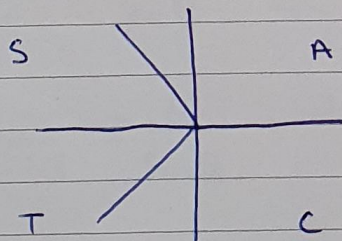


$$x = 180 - 48.6 = 131.4^\circ$$

ii) $-5\cos x = 2$

$$\cos x = \frac{2}{5}$$

$$x = \cos^{-1}\left(\frac{2}{5}\right) x = 66.42$$



$$x = 180 - 66.42 = 113.58$$

$$x = 180 + 66.42 = 246.42$$