

KERI DAVIES 6/11/20

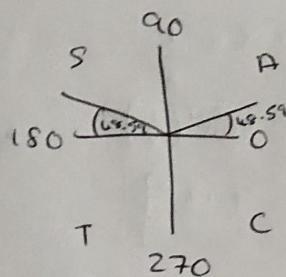
Question Three)

9)

i) $\sin x = 0.75$

$$x = \sin^{-1}(0.75)$$

$$x = 48.59^\circ$$



$$x = 180 - 48.59$$

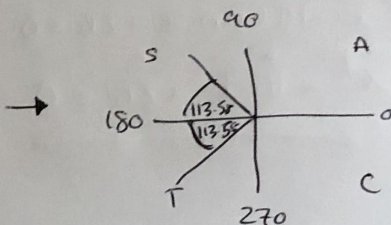
$$x = 131.41^\circ$$

ii) $-5 \cos x = 2$

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

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

$$x = 113.58^\circ$$



$$x = 180 + 113.58$$

$$x = 293.58^\circ$$

$$x = 180 - 113.58$$

$$x = 66.42^\circ$$