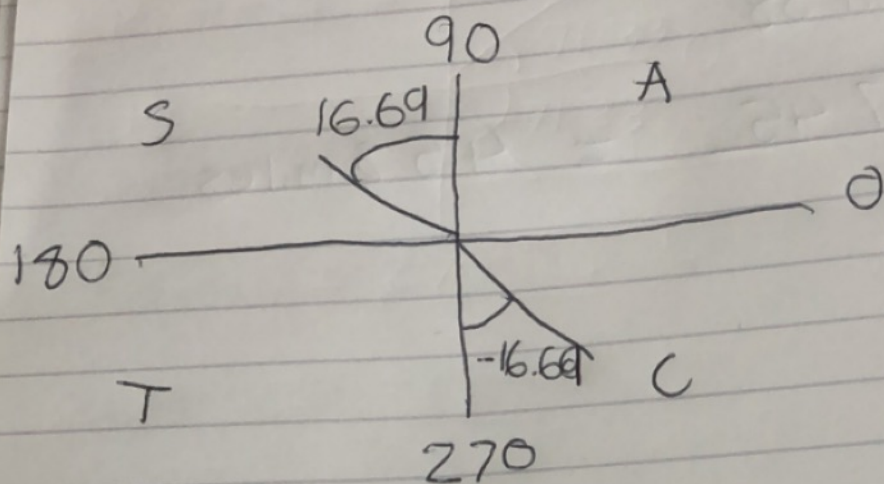


$$\text{iii) } -10 \tan x = 3$$

$$\tan x = \frac{3}{-10}$$

$$x = \tan^{-1} (3/-10)$$

$$x = -16.69^\circ$$



$$x_C = 270 + 16.69$$

$$x_C = 286.69$$

$$x_C = \tan (286.69)$$

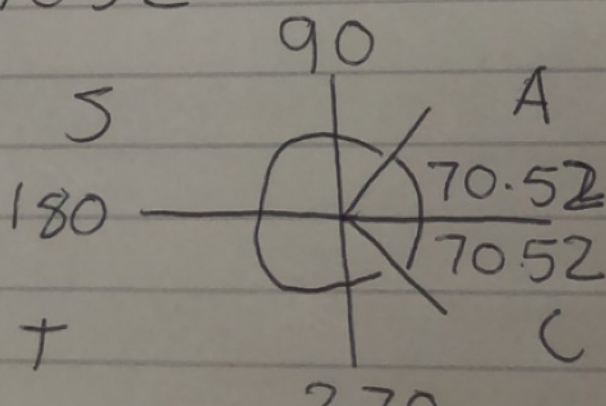
$$x_C = \underline{\underline{-3.33}}$$

$$\text{iv) } -3 \cos x = -1$$

$$\cos x = -1/-3$$

$$x = \cos^{-1} (-1/-3)$$

$$x = 70.52$$



$$x = 360 - 70.52$$

$$x = 289.48$$

$$x = \cos (289.48)$$

$$x = 0.33$$