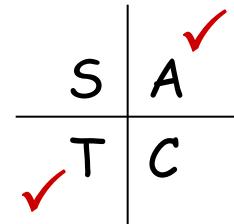


Trig Equations Layout

Solve $7 \tan x^\circ + 1 = 3$ $0^\circ \leq x \leq 360^\circ$

$$\tan x^\circ = \frac{2}{7}$$

$$x^\circ = \underline{\underline{15.9^\circ}}$$

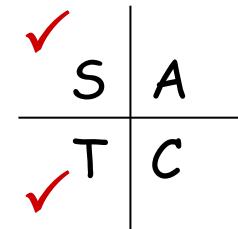


$$x^\circ = 180^\circ + \underline{\underline{15.9^\circ}} = \underline{\underline{195.9^\circ}}$$

$$\text{Solve } 4\cos x^\circ + 1 = 0 \quad 0 \leq x \leq 180^\circ$$

$$\cos x^\circ = -\frac{1}{4} \quad (\text{ignore -ve})$$

$$x^\circ = (75.5^\circ)$$



$$x^\circ = 180 - 75.5 = \underline{\underline{104.5^\circ}}$$

$$x^\circ = 180 + 75.5 = \underline{\underline{255.5^\circ}}$$