

**Outcome 1 - Solving Trig Equations**

Solve the following trig equations...

1

$$7 \sin x^\circ - 1 = 0 \quad 0 \leq x \leq 360^\circ$$

2

$$3 \cos x^\circ - 1 = 0 \quad 0 \leq x \leq 360^\circ$$

3

$$4 \tan x^\circ - 7 = 0 \quad 0 \leq x \leq 360^\circ$$

4

$$10 \cos x^\circ - 4 = 3 \quad 0 \leq x \leq 360^\circ$$

5

$$3 \tan x^\circ + 5 = 8 \quad 0 \leq x \leq 360^\circ$$

6

$$9 \sin x^\circ - 3 = 1 \quad 0 \leq x \leq 360^\circ$$