



Trigonometry - Solving Trigonometric Equations

The video covers the following exercises. Print this sheet and work with the group!

$$\sin 2\theta = 2\sin \theta \quad (0 \leq \theta < 360^\circ)$$

$$2\cos \theta = -1 \quad (0 \leq \theta < 360^\circ, \text{ then for all values of } \theta)$$

$$4\sin^2 \theta = 3 \quad (0 \leq \theta < 2\pi, \text{ then for all values of } \theta)$$

$$\tan^2 \theta = 1 \quad (0 \leq \theta < 360^\circ, \text{ then for all values of } \theta)$$

$$\sin \theta + 1 = \cos 2\theta \quad (0 \leq \theta < 360^\circ, \text{ then for all values of } \theta)$$