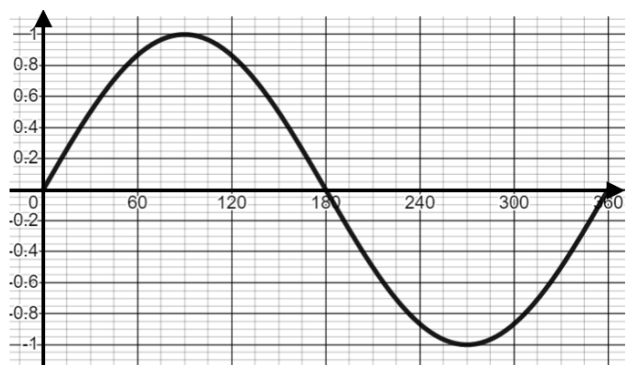


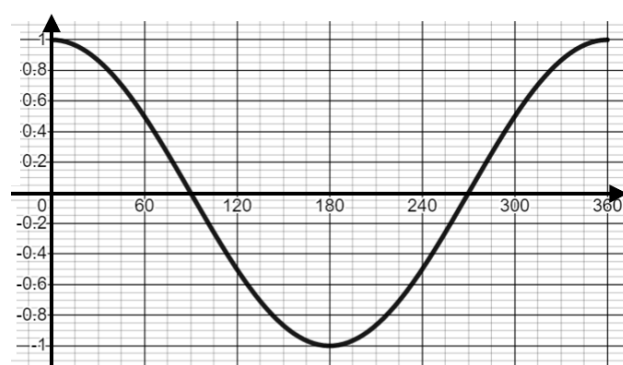
## More Solving Trigonometric Equations Using Graphs

Use your calculator and the trigonometric graphs to find all values of the angle between  $0^\circ$  and  $360^\circ$

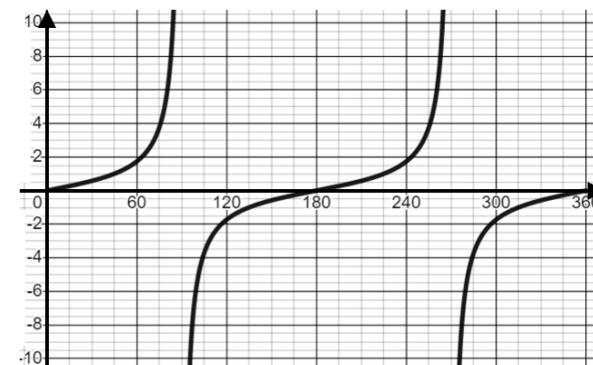
$$y = \sin x$$



$$y = \cos x$$



$$y = \tan x$$



$$\sin x = -0.4$$

$$203.6^\circ \text{ and } 336.4^\circ$$

$$\cos x = -0.1$$

$$95.7^\circ \text{ and } 264.3^\circ$$

$$\tan x = -3.7$$

$$105.1^\circ \text{ and } 285.1^\circ$$

$$\cos x = -0.65$$

$$130.5^\circ \text{ and } 229.5^\circ$$

$$\sin x = -0.88$$

$$241.6^\circ \text{ and } 298.4^\circ$$

$$\cos x = -0.25$$

$$104.5^\circ \text{ and } 255.5^\circ$$

$$\tan x = -6$$

$$99.5^\circ \text{ and } 279.5^\circ$$

$$\sin x = -0.97$$

$$255.9^\circ \text{ and } 284.1^\circ$$

$$\cos x = -0.31$$

$$108.1^\circ \text{ and } 251.9^\circ$$

$$\sin x = -0.745$$

$$228.2^\circ \text{ and } 311.8^\circ$$

$$\tan x = -2.3$$

$$113.5^\circ \text{ and } 293.5^\circ$$

$$\cos x = -0.523$$

$$121.5^\circ \text{ and } 238.5^\circ$$

$$\sin x = -0.5$$

$$210^\circ \text{ and } 330^\circ$$

$$\tan x = -1$$

$$135^\circ \text{ and } 315^\circ$$

$$\sin x = -1$$

$$270^\circ$$

$$\cos x = -1$$

$$180^\circ$$