

Solving Basic Trigonometric Equations

Name _____

Date _____ Period _____

Solve the following equations for θ on $[0, 2\pi)$

$$2\sin \theta - 1 = 0$$

Solve the following equations for θ on $[0, 2\pi)$

$$2\cos \theta - \sqrt{2} = 0$$

Solve the following equations for θ on $[0, 2\pi)$

$$6\sin \theta + 8 = 2$$

Solve the following equations for θ on $[0, 2\pi)$

$$3\tan \theta + \sqrt{3} = 0$$