



















(C) F	urther Practice	
Solv	e the following for θ :	
	$\sin \theta = 0 \text{for } 0 \le \theta \le 4\pi$ $\sin \theta = 1 \text{for } -2\pi \le \theta \le 2\pi$ $1 + \cos \theta = 0 \text{for } -\pi \le \theta \le 3\pi$ $\tan \theta = 0 \text{for } 0 \le \theta \le 3\pi$	
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(B) Example Set #1
• Without the use of a calculator, prepare an algebraic solution to the following equations:
(a)
$$\sin(\theta) = 0.5$$
 on $[\pi, 4\pi]$
(b) $\cos(\theta) + 1 = 0$ on $[-2\pi, 4\pi]$
(c) $3\tan(\theta) = -\sqrt{3}$ on $[-\pi, \pi]$

(C) Example Set #2
• Use your graphing calculator to prepare a GRAPHIC solution to the following equations:
(a)
$$\sin(2\theta) = 0.5$$
 on $[\pi, 4\pi]$
(b) $\cos(\theta - \frac{\pi}{4}) + 1 = 0$ on $[-2\pi, 4\pi]$
(c) $3\tan(2\theta - \frac{\pi}{2}) = -\sqrt{3}$ on $[-\pi, \pi]$











