

7.5/7.6

Solve  $2x + 1 = 0$

Solve  $2\sin x + 1 = 0$  for  $x \in [0, 2\pi]$

Solve  $2x^2 + x - 1 = 0$

Solve

$2\sin^2 x + \sin x - 1 = 0$  for  
 $x \in [0, 2\pi]$

Solve  $\cos\theta = \frac{1}{2}$

Solve  $\cos 2x = \frac{1}{2}$

Solve  $3(x + 1) = 2$

Solve

$3(\tan x + 1) = 2$  for  $x \in [0, 2\pi]$

Solve  $x^2 - x = 2$

Solve

$$\cos^2 x - \cos x = 2$$

Solve  $x^2 = 4$

Solve  $\tan^2 x = 4$

Homework:

pg 426 # 8,9,11,12,15

Pg 436 # 6,7,10,12