

## NTI Day #1 - Solving Radical Equations

Solve

1)  $\sqrt{2x+3} - 7 = 0$

$x = 23$

2)  $\sqrt{6-3x} = 2$

$x = \frac{2}{3}$

3)  $\sqrt{-3x-5} = x+3$

$x = -2$

4)  $\sqrt{3x+13} - 5 = x$

$x = -3, -4$

5)  $\sqrt{3x+2} - \sqrt{2x+7} = 0$

$x = 5$