NAME:

EHRBAR ALGEBRA 2/TRIGONOMETRY
Homework #20: Solving Square Root Equations (due Wednesday, Dec.1)

Solve each equation below, and SHOW ALL WORK!

1. $\sqrt{x+5} = 7$

2. $\sqrt{2y-3} = 5$

3. $\sqrt{x+1} - 7 = 3$

4. $2\sqrt{x-3} = 6$

5. $(x+2)^{\frac{1}{2}} = 3$

6. $\sqrt[3]{2x+5} = 5$

Write:

7. How do we know when a square root equation is ready to be squared on both sides?