Algebra II – Day 44
Formative Ticket
Solving Radical Equations

Solving Radical Equations Homework

Name: _____

Solve each equation. Check each answer to make sure it is not an extraneous solution.

1. $\sqrt{x} = 8$	2. $(6u-5)^{\frac{1}{3}} + 2 = -3$
3. $\sqrt[4]{2x+6} = 2$	4. $4 - \sqrt{x} = 3$
5. $\sqrt{3x+7} = x-1$	6. $\sqrt{5x+1} = \sqrt{4x+3}$
7. $\sqrt{2p} + 3 = 10$	8. $\sqrt[3]{d+2} = 7$
9. $(7w+2)^{\frac{1}{4}} + 2 = 7$	10. $4\sqrt{3h} - 36 = 0$