Algebra 2
Writing Assignment: Solving Radical Functions
5 Points Each
Total Points: 50

Solve for x. Show all your work and be sure to check your answers.

1. $\sqrt{2x-3} = 5$

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

3. $\sqrt[3]{3x-1} = 2$

4. $\sqrt[4]{x-7} = 2$

5. $\sqrt{6x-8} = x$

6. $\sqrt{4x+5} = x$

7. $2\sqrt{x+2} - 3 = 7$

8. $5\sqrt[3]{4x-1} + 2 = 17$

9. $\sqrt{8-2x} = x - 4$

10. $\sqrt{4x+16} = x + 1$