

5-3 Radical Equations

Name: _____

Time Start: _____ Finish: _____

Total Time = _____

Put your answer in the blank to the left of the question and make sure to show your work on a separate piece of paper.

_____ 1. $\sqrt{x-2} + 5 = 9$

_____ 2. $\sqrt{2x-1} - 7 = 10$

_____ 3. $2\sqrt{x-1} + 4 = 12$

_____ 4. $3\sqrt{2x-5} + 5 = 14$

_____ 5. $-4 + \sqrt{x-2} = 3$

_____ 6. $\sqrt[3]{2x-3} = 2$

_____ 7. $\sqrt[3]{5x-6} = 4$

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

_____ 9. $\sqrt{2x+13} = x+5$

_____ 10. $\sqrt{3x+16} = x+6$

_____ 11. $(2n-2)^{\frac{1}{3}} + 1 = 3$

_____ 12. $(5x-3)^{\frac{1}{5}} = 2$

_____ 13. $(2x-3)^{\frac{1}{4}} + 5 = 8$