

Topic 4: Solving Radical Equations**Solve each equation. Check for extraneous solutions.**

30. $\sqrt{5x-1} + 4 = 11$

31. $1 - 2\sqrt{m+12} = 5$

32. $(9a + 45)^{\frac{1}{3}} = 3$

33. $\sqrt{3n-27} = \sqrt{43-2n}$

34. $(18 + 7k)^{\frac{1}{2}} = k$

35. $\sqrt{6x+19} - 4 = x$