

#12 ~ Sect. 7.5: Solving Radical Equations

Ex. 1 : Solve $-10 + \sqrt{2x + 1} = -5$

Ex. 2: Solve $3(x+1)^{\frac{3}{5}} = 24$

Ex. 3: Solve $\sqrt{x+2} - 3 = 2x$. Check for extraneous solutions.

Ex. 4: Solve $(x + 1)^{\frac{2}{3}} - (9x + 1)^{\frac{1}{3}} = 0$. Check for extraneous solutions.