2.4 Solving Radical Equations Graphically-by hand

A radical function has the form $y = \sqrt{f(x)}$ eg. $y = \sqrt{2x+5}$ $y = \sqrt{-3x-4}$ The basic radical function, $y = \sqrt{x}$, has a graph 18 x the square root of a number is only defined for non-negative numbers. So, the domain is $x \ge 0$ and range is $y \ge 0$ $y = \sqrt{x}$ A <u>radical equation</u> has at least one radical with a radicand variable. Solving a radical equation is finding the root or <u>x-intercept</u> or zero of the function $ex(y=\sqrt{x+4})$ $X = \sqrt{x+4}$ n'





