

**61** Start by solving the equation

$$x^2 - 5 = 0 \Rightarrow x^2 = 5 \Rightarrow x = \pm \sqrt{5}$$

The graph of  $y = x^2 - 5$  is a parabola opening up. It will intersect or be below the  $x$ -axis between (and including) the solutions to equality. The solutions are  $-\sqrt{5} \leq x \leq \sqrt{5}$ .