

$$-x^2 + 3x - 1 \geq 0$$

$$\Delta = 3^2 - 4(-1)(-1) = 9 - 4 = 5$$

$$\sqrt{\Delta} = \sqrt{5}$$

$$x_1 = \frac{-3 - \sqrt{5}}{2(-1)}$$

$$x_2 = \frac{-3 + \sqrt{5}}{2(-1)}$$

$$x_1 = \frac{-3 - \sqrt{5}}{-2}$$

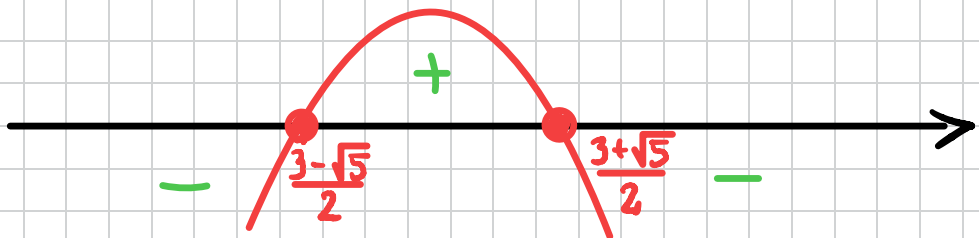
$$x_2 = \frac{-3 + \sqrt{5}}{-2}$$

$$x_1 = \frac{-(3 + \sqrt{5})}{-2}$$

$$x_2 = \frac{-(3 - \sqrt{5})}{-2}$$

$$x_1 = \frac{3 + \sqrt{5}}{2} \approx 3,7$$

$$x_2 = \frac{3 - \sqrt{5}}{2} \approx 1,9$$



$$x \in \left\langle \frac{3 - \sqrt{5}}{2}, \frac{3 + \sqrt{5}}{2} \right\rangle$$