

$$\frac{27x - 10}{15} - \frac{5x^2}{15} \geq 0$$

$$\frac{27x - 10 - 5x^2}{15} \geq 0, \quad 27x - 10 - 5x^2 \geq 0$$

$$5x^2 - 27x + 10 \leq 0$$

$$\Delta = 729 - 200 = 529$$

$$x_{1,2} = \frac{27 \pm \sqrt{529}}{2 \cdot 10} = \frac{27 \pm 23}{20}$$

$$x_1 = \frac{27 + 23}{20} = \frac{50}{20} = \frac{5}{2} = 2,5$$

$$x_2 = \frac{27 - 23}{20} = \frac{4}{20} = \frac{1}{5} = 0,25$$

