

$$15x^2 - 29x - 2 > 0$$

$$x_1 = \frac{-(-29) + \sqrt{29^2 - 4 \cdot 15 \cdot (-2)}}{2 \cdot 15} =$$

$$= \frac{29 + \sqrt{841 + 120}}{30} = \frac{29 + 31}{30} = 2$$

$$x_2 = \frac{-(-29) - \sqrt{29^2 - 4 \cdot 15 \cdot (-2)}}{30} =$$

$$= \frac{29 - \sqrt{841 + 120}}{30} = \frac{29 - 31}{30} = -\frac{2}{30} = -\frac{1}{15}$$

$$= -\frac{2}{30} = -\frac{1}{15}$$

$$x_1 = 2 \quad x_2 = -\frac{1}{15}$$

