

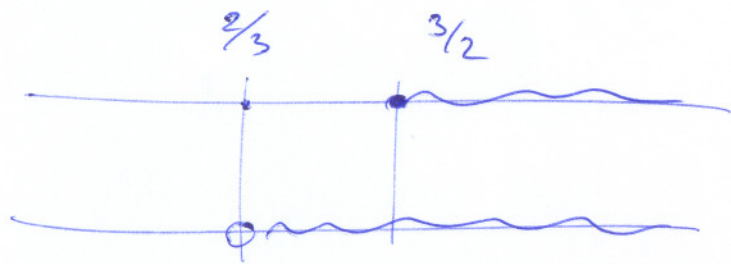
Esempio

$$\sqrt{4x^2 + 3x - 1} > 2x - 3$$

$$\begin{cases} 2x - 3 \geq 0 \\ 4x^2 + 3x - 1 > (2x - 3)^2 \end{cases}$$

$$\begin{cases} x \geq \frac{3}{2} \\ x > \frac{2}{3} \end{cases}$$

$$\left(\frac{2}{3}, +\infty\right) \cap \left[\frac{3}{2}, +\infty\right) = \left[\frac{3}{2}, +\infty\right)$$



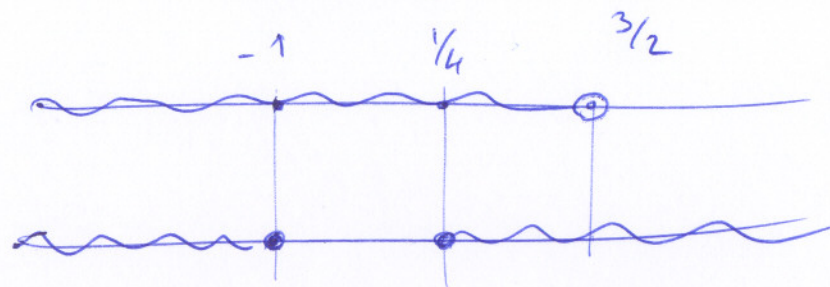
$$\left[\frac{3}{2}, +\infty\right)$$

$\cup$

$$\begin{cases} 2x - 3 < 0 \\ 4x^2 + 3x - 1 \geq 0 \end{cases}$$

$$\begin{cases} x < \frac{3}{2} \\ (-\infty, -1] \cup \left[\frac{1}{4}, +\infty\right) \end{cases}$$

$$\left(-\infty, \frac{3}{2}\right) \cap \left((-\infty, -1] \cup \left[\frac{1}{4}, +\infty\right)\right)$$



$$(-\infty, -1] \cup \left[\frac{1}{4}, \frac{3}{2}\right)$$

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