

RISOLVERE

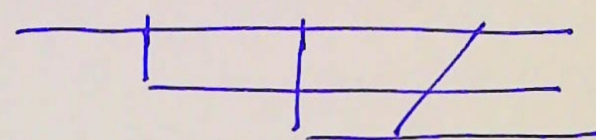
$$\frac{\sqrt{x+4} - 1}{x^2 + 6x - 7} \leq 0$$

C.E. $x+4 \geq 0 \quad x \geq -4$

$N \geq 0 \quad \sqrt{x+4} - 1 \geq 0 \quad \sqrt{x+4} \geq 1$

$x \geq -3$

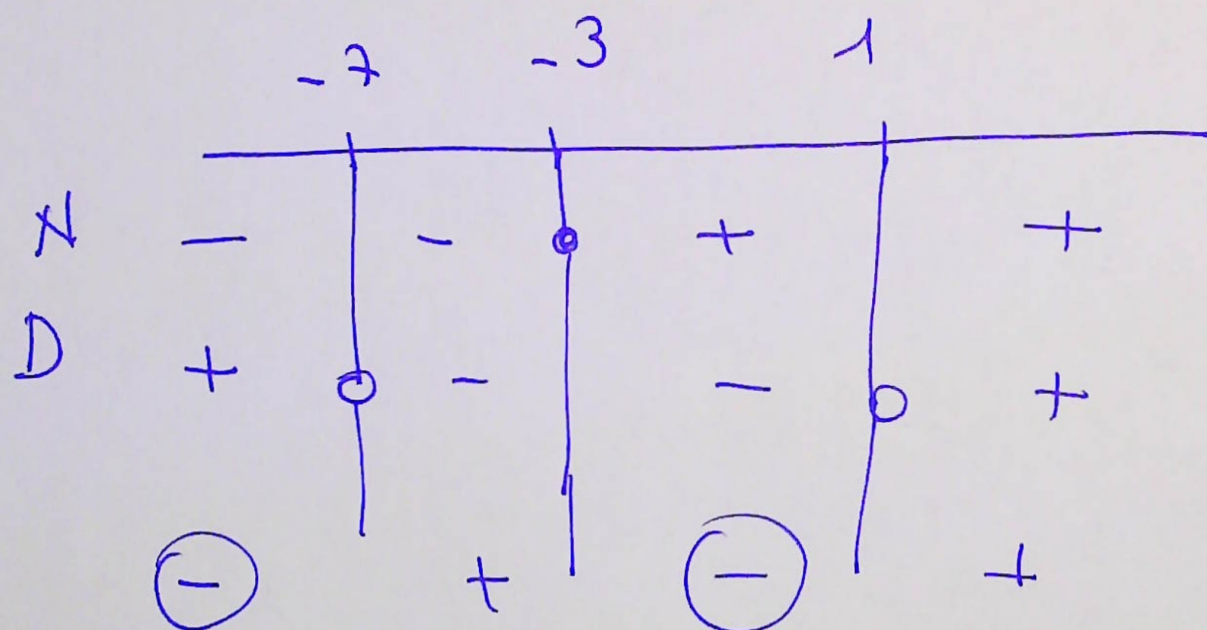
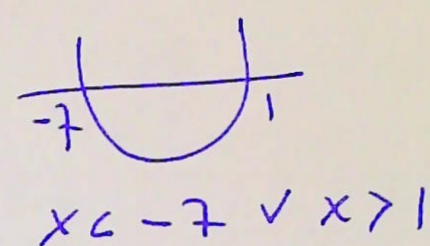
$$\begin{cases} x+4 \geq 0 \\ x+4 \geq 1 \end{cases} \quad \begin{cases} x \geq -4 \\ x \geq -3 \end{cases}$$



$D > 0 \quad x^2 + 6x - 7 > 0$

$x^2 + 6x - 7 = 0$

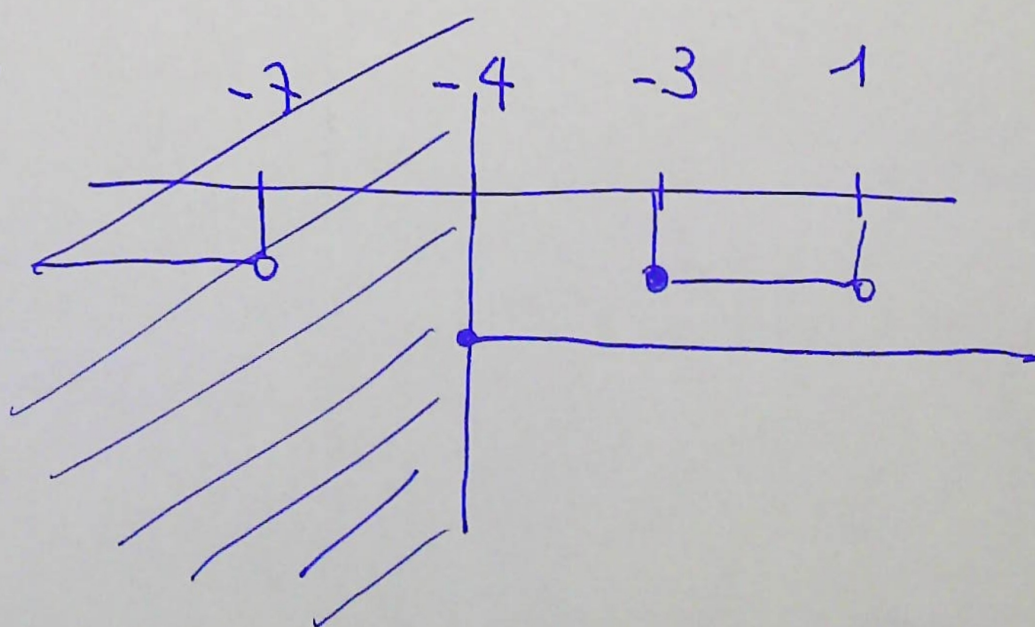
$x_{1,2} = \frac{-3 \pm \sqrt{9+7}}{1} = -3 \pm 4$



$S: x < -7 \vee -3 \leq x < 1$ ma occorre confrontarla
re con le C.E.

$\parallel$
 ∇

$S \begin{cases} x < -7 \\ -3 \leq x < 1 \end{cases}$
 $CE \begin{cases} x \geq -4 \end{cases}$



$S_F: -3 \leq x < 1$