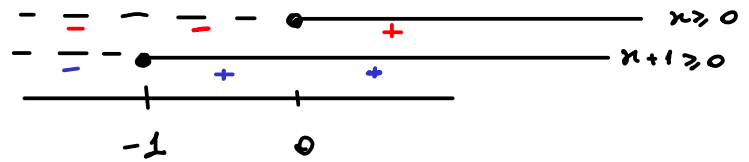


$$2 \cdot |x+1| + |x| \leq 2$$

• $x+1 \geq 0 \rightarrow x \geq -1$

• $x \geq 0$

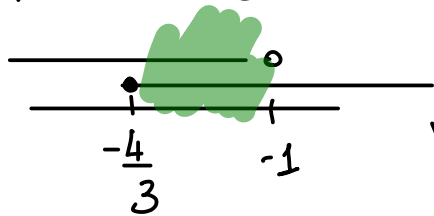


$$\begin{cases} x < -1 \\ -2(x+1) - x \leq 2 \end{cases} \vee \begin{cases} -1 \leq x < 0 \\ 2(x+1) - x \leq 2 \end{cases} \vee \begin{cases} x \geq 0 \\ 2(x+1) + x \leq 2 \end{cases}$$

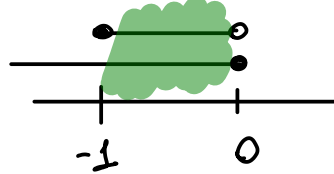
$$\begin{cases} x < -1 \\ -2x - 2 - x \leq 2 \end{cases} \vee \begin{cases} -1 \leq x < 0 \\ 2x + 2 - x \leq 2 \end{cases} \vee \begin{cases} x \geq 0 \\ 2x + 2 + x \leq 2 \end{cases}$$

$$\begin{cases} x < -1 \\ -3x \leq 4 \end{cases} \vee \begin{cases} -1 \leq x < 0 \\ x \leq 0 \end{cases} \vee \begin{cases} x \geq 0 \\ 3x \leq 0 \end{cases}$$

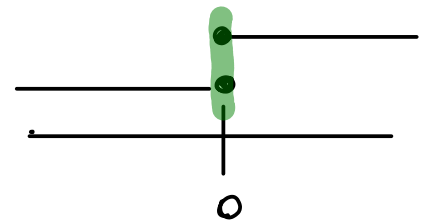
$$\begin{cases} x < -1 \\ x \geq -\frac{4}{3} \end{cases} \vee \begin{cases} -1 \leq x < 0 \\ x \leq 0 \end{cases} \vee \begin{cases} x \geq 0 \\ x \leq 0 \end{cases}$$



$$-\frac{4}{3} < x < -1$$



$$-1 \leq x < 0$$



$$x = 0$$

$$-\frac{4}{3} < x \leq 0$$