

# Piecewise Functions

Conventions:

**Solid disk** corresponds to inclusion of the point or any of  $\leq \geq =$  operators



**Hollow disk** corresponds to the exclusion or any of the  $< >$  operators



Example 1.

$$\begin{cases} 2x + 1 & -4 < x \leq -2 \\ -2x - 1 & -2 < x \leq 4 \end{cases}$$

