

# 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.

$$\begin{cases} k & 1 < k \leq 3 \\ -k & 3 < k \leq 4 \end{cases}$$

