# Piecewise Functions

Conventions:

**Solid disk** corresponds to inclusion of the point or any of ≤ ≥ = operators

●

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

○

Example 1.

$$\begin{cases} -d & 0 < d \le 4 \\ d & 4 < d \le 5 \end{cases}$$