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.

$$\left[\begin{array}{ll} h & -3 \leq h < -1 \\ -h & -1 \leq h < 3 \end{array} \right.$$