

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.

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

