

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.

$$\begin{cases} 4 - 3k & -4 < k \leq 0 \\ 3k - 4 & 0 < k \leq 5 \end{cases}$$

