

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.

$$\begin{cases} 2r + 1 & 1 < r \leq 3 \\ -2r - 1 & 3 < r \leq 4 \end{cases}$$

