

Piecewise Functions

Conventions:

Solid disk refers to inclusion of the point or any of $\leq \geq =$ operators



Hollow disk refers to the exclusion of any of the $< >$ operators



Example 1.

$$\begin{cases} -r & 0 < r \leq 2 \\ r & 2 < r \leq 4 \end{cases}$$

