# Piecewise Functions

Conventions:

corresponds to inclusion of the point or any of $\leqslant$ $\geqslant$ = operators

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corresponds to the exclusion or any of the $<$ $>$ operators

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Example 1.

$$\begin{cases} g & -6 \leq g < -5 \\ -g & -5 \leq g < -3 \end{cases}$$