Piecewise Functions

Conventions:

Solid disk refers to inclusion of the point or any of ⩽ ⩾ = operators

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

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Example 1.

$$\begin{cases} -q & -4 < q \leq -3 \\ q & -3 < q \leq -1 \end{cases}$$