Piecewise Functions

Conventions:

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

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

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Example 1.

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