Piecewise Functions

Conventions:

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

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refers to the exclusion or any of the < > operators

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Example 1.

$$\begin{cases} 4 - 3y & -5 \le y < -2 \\ 3y - 4 & -2 \le y < 0 \end{cases}$$