Piecewise Functions
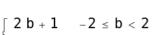
Conventions:

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

●

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

○

Example 1.

$$\begin{cases} 2b + 1 & -2 \leq b < 2 \\ -2b - 1 & 2 \leq b < 3 \end{cases}$$