

# Piecewise Functions

$$\begin{cases} \sin(4\pi b) & -3 \leq b < -2 \\ \frac{b^2}{3} - b & -2 \leq b \leq 2 \\ 2b + 1 & 2 < b \leq 5 \\ 6 & b > 5 \end{cases}$$

