

# Piecewise Functions

$$\begin{cases} \sin(4\pi g) & -2 \leq g \leq -1 \\ \frac{g^2}{3} - g & -1 < g < 2 \\ 2g + 1 & 2 \leq g < 3 \\ 4 & g \geq 3 \end{cases}$$

