

# Piecewise Functions

$$\begin{cases} \frac{g^2}{2} & -4 \leq g < -3 \\ \sin(5\pi g) & -3 \leq g < -2 \\ 2g + 1 & -2 \leq g \leq 6 \\ 7 & g > 6 \end{cases}$$

