

# Piecewise Functions

$$\begin{cases} \sin(5\pi d) & -4 \leq d < -3 \\ \frac{d^2}{2} & -3 \leq d \leq 0 \\ 4 - 3d & 0 < d \leq 4 \\ 6 & d > 4 \end{cases}$$

