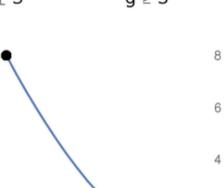
Piecewise Functions 
$$\begin{bmatrix} \frac{g^2}{2} & -4 \le g \le 0 \\ \cos(4\pi g) & 0 < g \le 1 \\ -g & 1 < g < 3 \\ 5 & g \ge 3 \end{bmatrix}$$



-2

-4