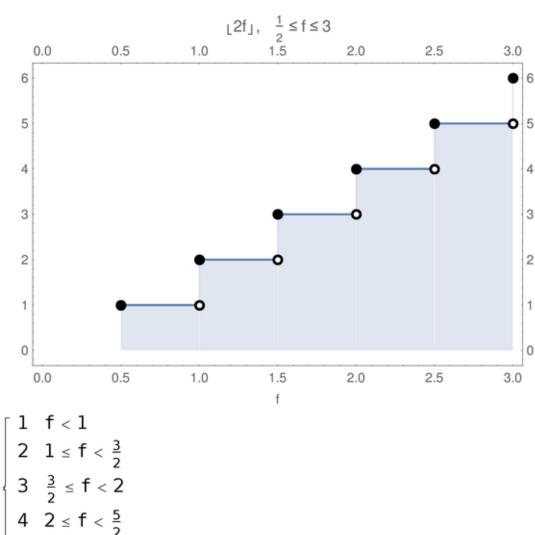# Piecewise Composite Functions

$$\lfloor 2f \rfloor, \quad \frac{1}{2} \leq f \leq 3$$

$$\begin{cases} 1 & f < 1 \\ 2 & 1 \leq f < \frac{3}{2} \\ 3 & \frac{3}{2} \leq f < 2 \\ 4 & 2 \leq f < \frac{5}{2} \\ 5 & \text{True} \end{cases}$$