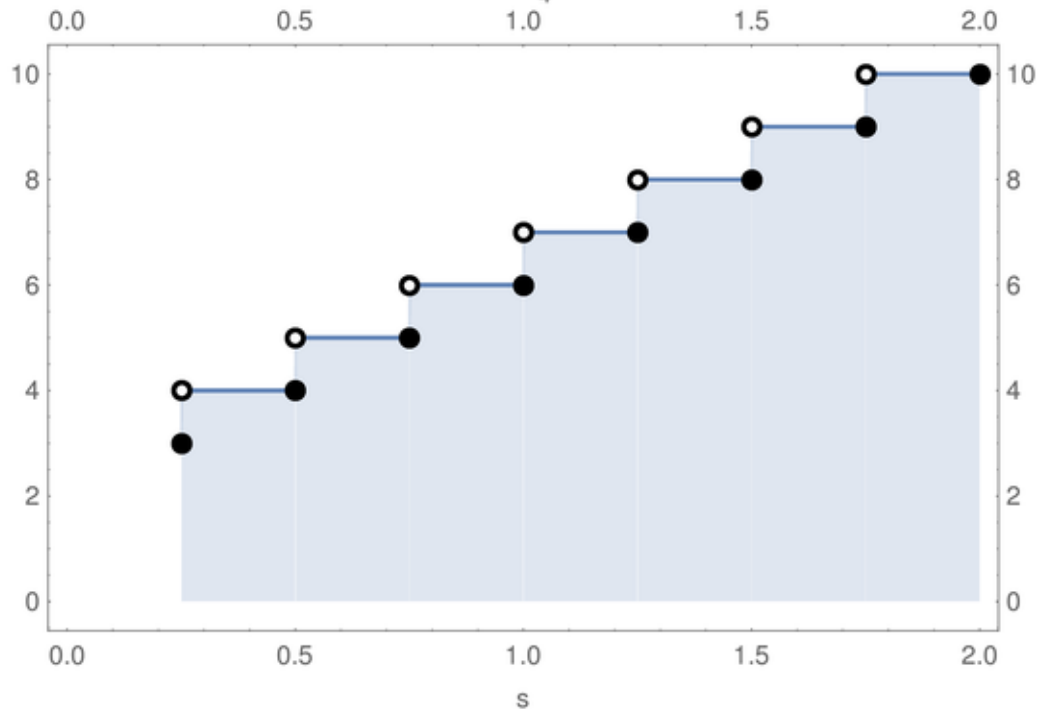# Piecewise Composite Functions



$\lceil 4s+2 \rceil, \quad \frac{1}{4} \leq s \leq 2$

$$\begin{cases} 4 & s \leq \frac{1}{2} \\ 5 & \frac{1}{2} < s \leq \frac{3}{4} \\ 6 & \frac{3}{4} < s \leq 1 \\ 7 & 1 < s \leq \frac{5}{4} \\ 8 & \frac{5}{4} < s \leq \frac{3}{2} \\ 9 & \frac{3}{2} < s \leq \frac{7}{4} \\ 10 & \text{True} \end{cases}$$