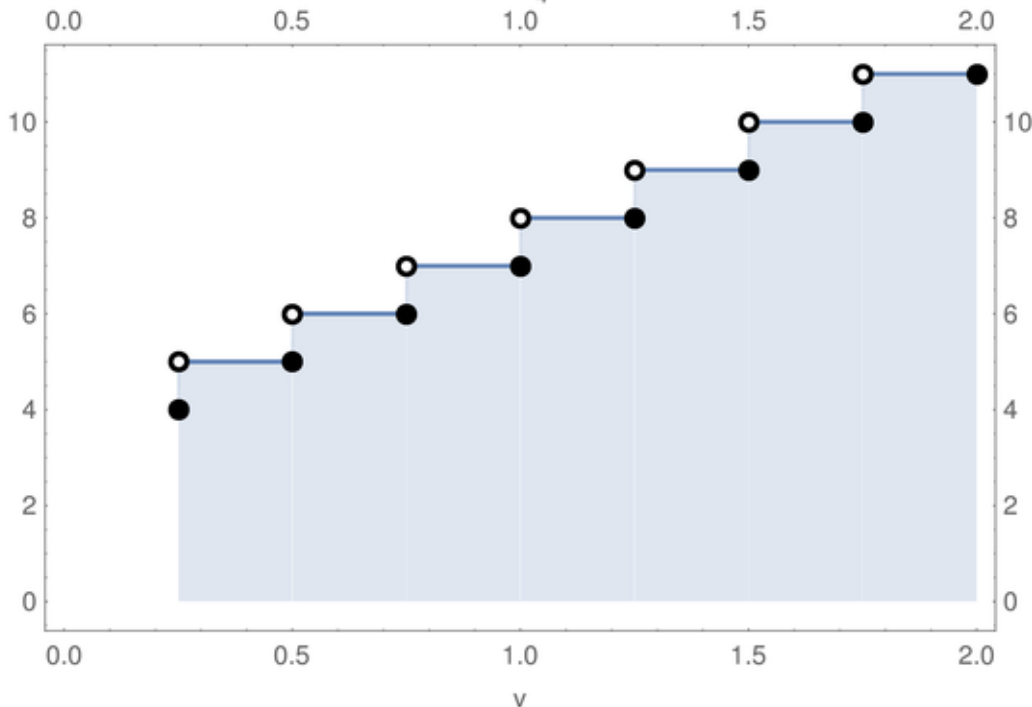# Piecewise Composite Functions



$\lceil 4v+3 \rceil, \quad \frac{1}{4} \le v \le 2$

$$\begin{cases} 5 & v \le \frac{1}{2} \\ 6 & \frac{1}{2} < v \le \frac{3}{4} \\ 7 & \frac{3}{4} < v \le 1 \\ 8 & 1 < v \le \frac{5}{4} \\ 9 & \frac{5}{4} < v \le \frac{3}{2} \\ 10 & \frac{3}{2} < v \le \frac{7}{4} \\ 11 & \text{True} \end{cases}$$