# Piecewise Composite Functions
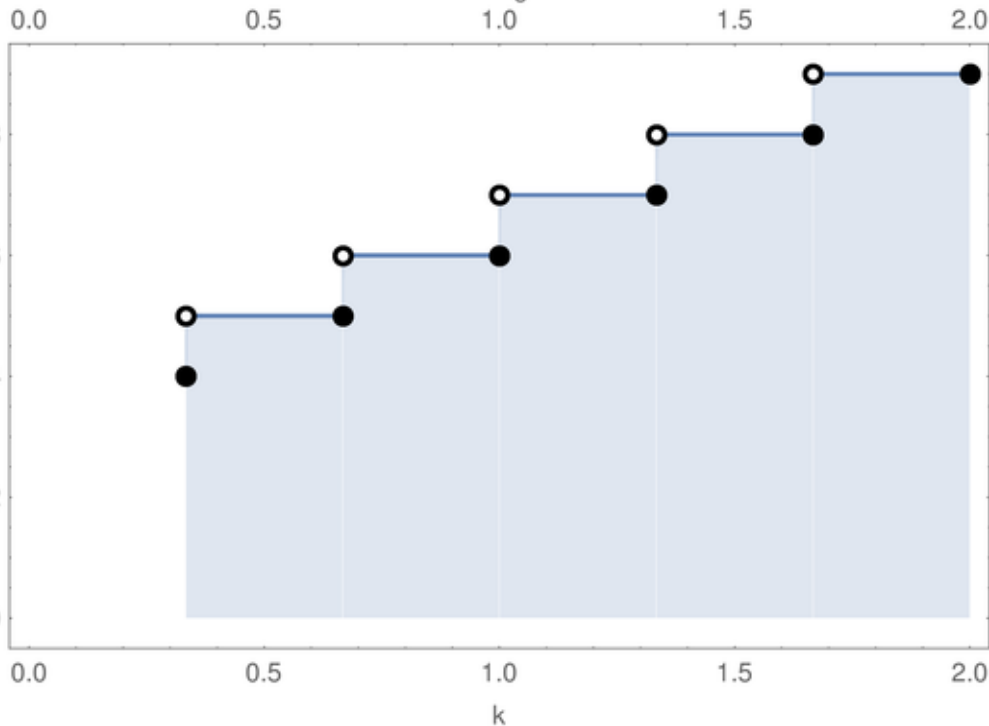


$\lceil 3k+3 \rceil, \quad \frac{1}{3} \le k \le 2$

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