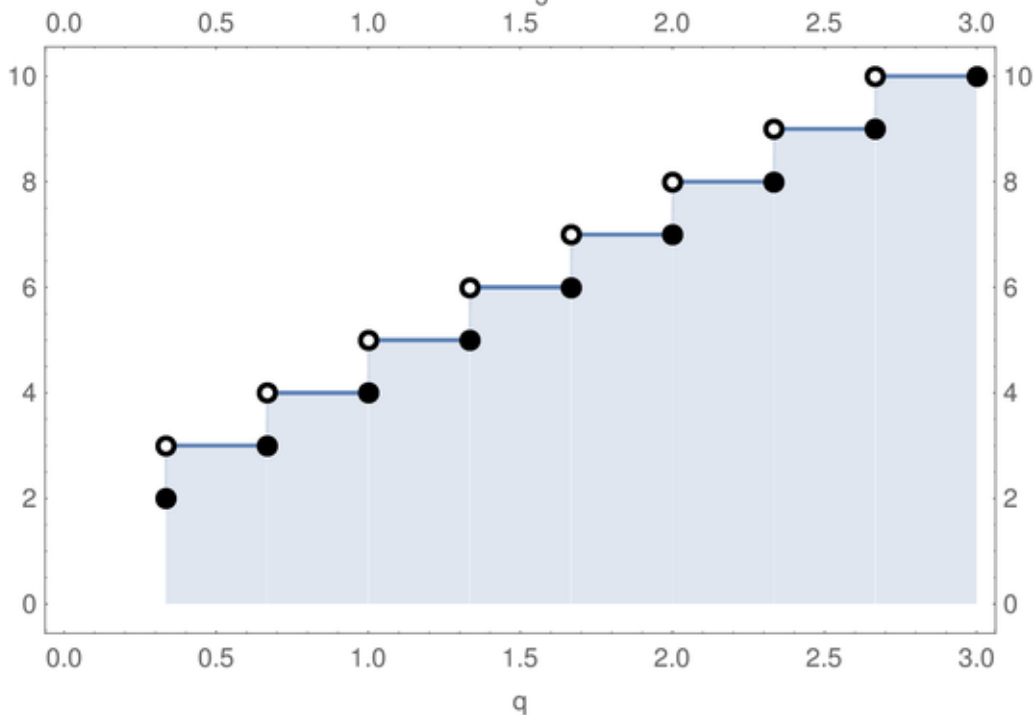


# Piecewise Composite Functions

$$\lceil 3q+1 \rceil, \quad \frac{1}{3} \leq q \leq 3$$



- 3  $q \leq \frac{2}{3}$
- 4  $\frac{2}{3} < q \leq 1$
- 5  $1 < q \leq \frac{4}{3}$
- 6  $\frac{4}{3} < q \leq \frac{5}{3}$
- 7  $\frac{5}{3} < q \leq 2$
- 8  $2 < q \leq \frac{7}{3}$
- 9  $\frac{7}{3} < q \leq \frac{8}{3}$
- 10 True