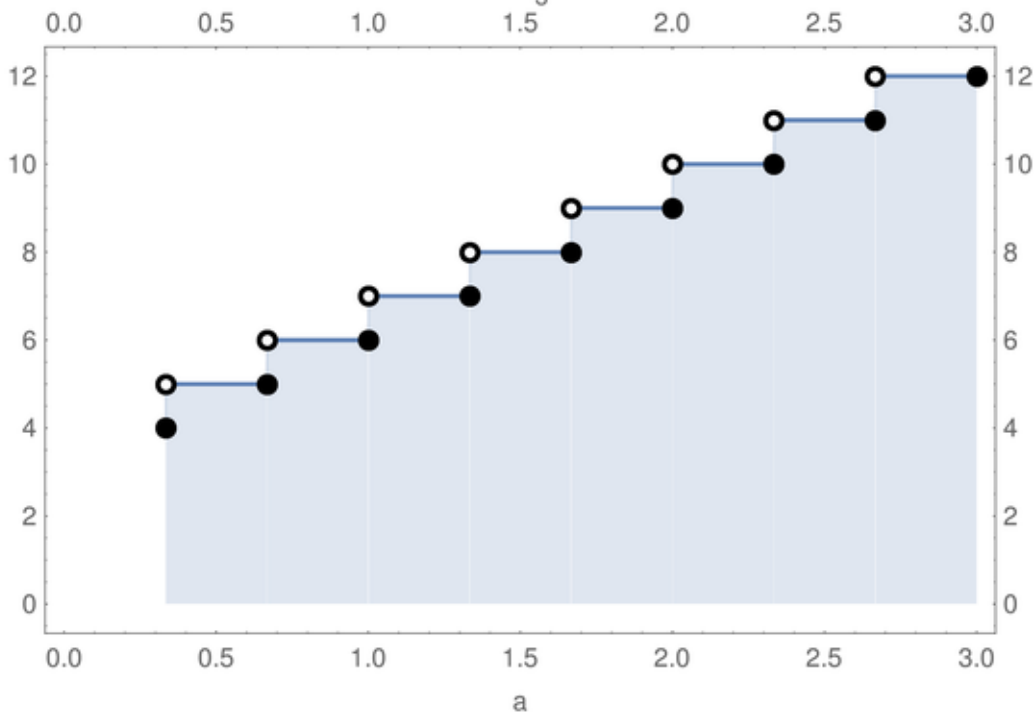


# Piecewise Composite Functions

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



5  $a \leq \frac{2}{3}$

6  $\frac{2}{3} < a \leq 1$

7  $1 < a \leq \frac{4}{3}$

8  $\frac{4}{3} < a \leq \frac{5}{3}$

9  $\frac{5}{3} < a \leq 2$

10  $2 < a \leq \frac{7}{3}$

11  $\frac{7}{3} < a \leq \frac{8}{3}$

12 True