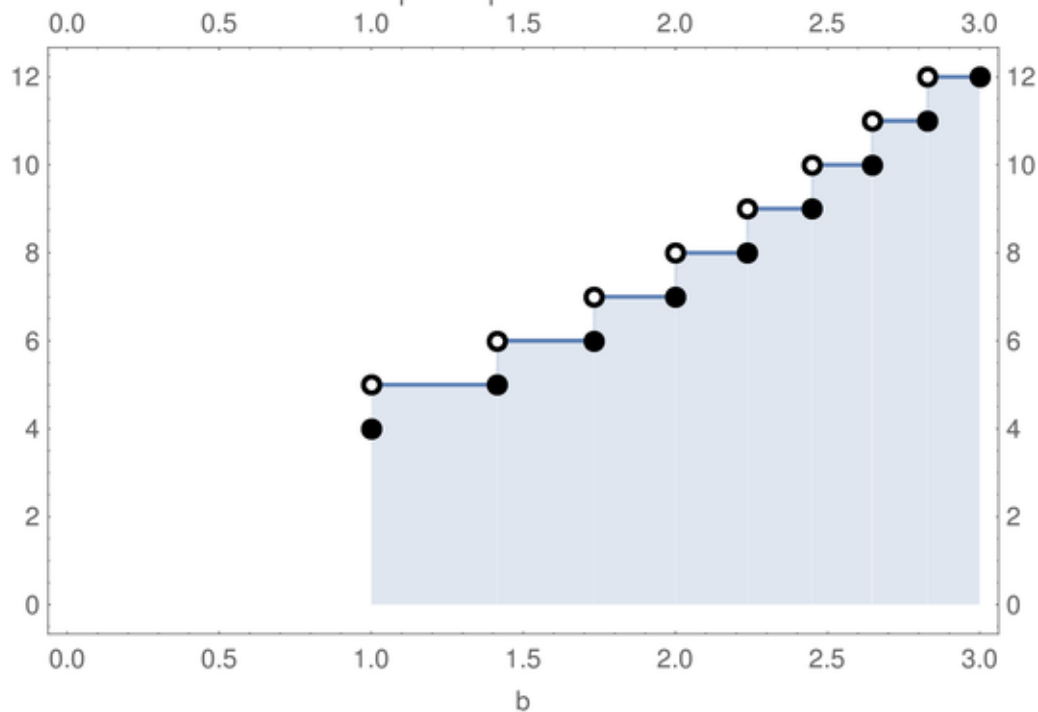


Piecewise Composite Functions

$$\lceil b^2+3 \rceil, \quad 1 \leq b \leq 3$$



- 5 $b \leq \sqrt{2}$
- 6 $\sqrt{2} < b \leq \sqrt{3}$
- 7 $\sqrt{3} < b \leq 2$
- 8 $2 < b \leq \sqrt{5}$
- 9 $\sqrt{5} < b \leq \sqrt{6}$
- 10 $\sqrt{6} < b \leq \sqrt{7}$
- 11 $\sqrt{7} < b \leq 2\sqrt{2}$
- 12 True