# Piecewise Composite Functions
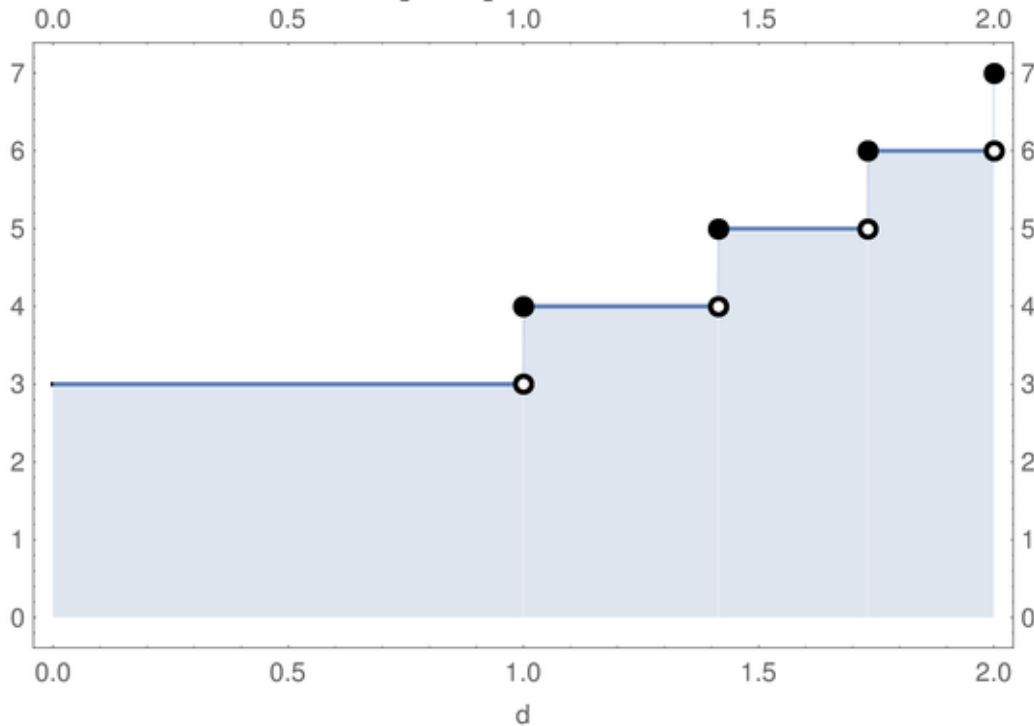


$\lfloor d^2 + 3 \rfloor, \quad 0 \leq d \leq 2$

$$
\begin{cases}
3 & d < 1 \\
4 & 1 \leq d < \sqrt{2} \\
5 & \sqrt{2} \leq d < \sqrt{3} \\
6 & \text{True}
\end{cases}
$$