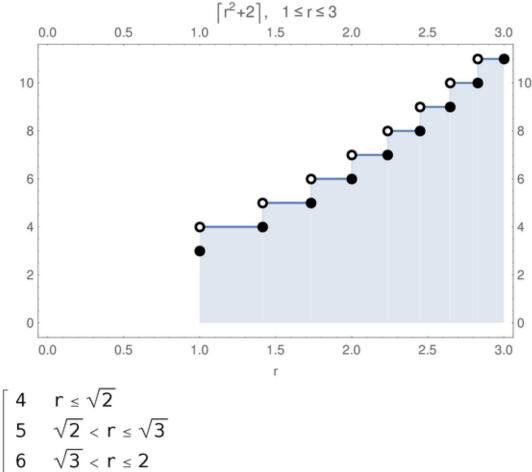
Piecewise Composite Functions



$$\begin{cases} 6 & \sqrt{3} < r \le 2 \\ 7 & 2 < r \le \sqrt{5} \\ 8 & \sqrt{5} < r \le \sqrt{6} \\ 9 & \sqrt{6} < r \le \sqrt{7} \\ 10 & \sqrt{7} < r \le 2\sqrt{2} \end{cases}$$

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True