

$$\text{add}(x, y) = x + y \quad \begin{array}{l} \swarrow \\ \text{nicht} \\ \text{bekannt} \end{array}$$

$$x \rightarrow \boxed{S} \rightarrow x + 1 \quad S(S(\text{add}(3, 1)))$$

Base

$$\text{add}(x, 0) = x$$

$$S(S(S(\text{add}(3, 0))))$$

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Rekursion

$$\text{add}(x, y + 1) = S(\text{add}(x, y))$$

$$\text{add}(3, 3) = S(\text{add}(3, 2))$$