Worksheet 8 Review

March 27, 2020

Question 1

a. $\forall n \in \mathbb{N}, (0 \le 1) \wedge (n \le 2^n) \Rightarrow (n+1) \le 2^{n+1}$

Note:

- **Induction:** $\forall n \in \mathbb{N},\ P(0) \wedge P(n) \Rightarrow P(n+1)$

Question 2

Question 3