# Worksheet 7 Solution

## March 26, 2020

# Question 1

1. Assume that $n \leq 1$.

   Then, it follows from the assumption that the statement holds for the case $n \leq 1$.

   > **Correct Solution:**
   > Assume that $n \leq 1$.
   >
   > Then, the assumption satisfies the first part of the OR we want to prove.

   **Notes:**

   - the professor specifically states the assumption satisfies the first part of the OR we want to prove.

2.

# Question 2

# Question 3