

# Worksheet 11 Solution

March 20, 2020

## Question 1

a.  $\forall a, b \in \mathbb{R}^+, a \leq b \Rightarrow \exists c, n_0 \in \mathbb{R}^+, \forall n \in \mathbb{N}, n \geq n_0 \Rightarrow n^b \leq cn^a$

## Question 2

## Question 3