

Last Name: _____

First Name: _____

Student ID: _____

Quiz 2

Question 1. (5 marks) Determine if the series is convergent or divergent. If it is convergent find its sum.

$$\sum_{n=1}^{\infty} \frac{1+2^n}{3^n}$$

Question 2. (5 marks) Determine if the series is convergent or divergent.

$$\sum_{n=2}^{\infty} \frac{1}{n \ln n}$$