

Quiz 1
4/27/2023

Name: _____

1. Determine the value of the geometric series $\frac{1}{3} + \frac{1}{9} + \frac{1}{27} + \frac{1}{81} + \dots$

2. Determine if the series converges or diverges.

$$\sum \frac{n}{n^3 + 1}$$

3. Determine if the series converges or diverges.

$$\sum \frac{n}{2n + 1}$$