

Quiz 1 (second chance)  
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.

$$\sum \frac{n^2}{n^4 + 2}$$

3. Determine if the series converges or diverges.

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