

NAME: \_\_\_\_\_

## Quiz

1. Determine whether the series converges or diverges using the test of your choosing.

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

2. The following series is geometric. If it converges, find its sum. If it diverges, explain why.

$$2 - \frac{2}{3} + \frac{2}{9} - \frac{2}{27} + \dots$$

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## Quiz

1. Determine whether the series converges or diverges using the test of your choosing.

$$\sum_{n=1}^{\infty} \sqrt{n-1}$$

2. The following series is geometric. If it converges, find its sum. If it diverges, explain why.

$$4 - 2 + 1 - \frac{1}{2} + \dots$$