

Each problem is worth 0 points. In the event of an actual quiz, you would have received warning.

1. Determine whether $\sum_{n=1}^{\infty} \frac{1}{n}$ converges or diverges.

2. Determine whether $\sum_{n=1}^{\infty} \frac{1}{3^n}$ converges or diverges.

3. Determine whether $\sum_{n=1}^{\infty} \frac{1}{n!}$ converges or diverges.

4. Determine whether $\sum_{n=1}^{\infty} \frac{n}{n+1}$ converges or diverges.

5. Determine whether $\sum_{n=1}^{\infty} \frac{(-1)^n}{n}$ converges or diverges.