

Quiz 1 Calculus 2 4/13/2007

Each problem is worth 5 points. Clear and complete justification is required for full credit.

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

2. Determine whether $\sum_{n=2}^{\infty} (-1)^{n+1} \frac{n}{\ln n}$ converges or diverges.