

Quiz 1 Calculus 2 4/14/2009

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