

Quiz 2 Calculus 2 3/20/2012

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

1. Write the first four partial sums of the series $\sum_{n=1}^{\infty} \frac{1}{n^2}$.

2. Find the sum of the series $\sum_{n=0}^{\infty} 5\left(\frac{-1}{3}\right)^n$.

