

Quiz 2 Calculus 2 3/21/2016

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

1. Write the first three partial sums of the series $\sum_{n=1}^{\infty} \frac{1}{n^3}$.

2. Find the sum of the series $\sum_{n=0}^{\infty} 6\left(\frac{-1}{3}\right)^n$.

