

Quiz 3a Calc 2 4/23/2003

Each problem is worth 5 points. For full credit provide complete justification for your answers.

1. Write the first four partial sums of the series $\sum_{n=1}^{\infty} \frac{3^n}{2^n}$.

2. Find the sum of the series $1 + \frac{1}{3} + \frac{1}{9} + \frac{1}{27} + \dots$.