

# Math 2315 - Calculus II

Quiz #7 - 2010.03.10

Name: \_\_\_\_\_

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Determine convergence or divergence of the following series:

1.  $\sum_{k=-2}^{\infty} 4 \left(\frac{8}{9}\right)^k$

2.  $\sum_{k=6}^{\infty} \frac{2k + 3 \cos(2k + 1)}{k^3}$