

Math 142 Quiz 8
No Work-No Credit

F09 Name
Last 4 Digits

Determine whether the following series are convergent or divergent.

a) $\sum_{n=1}^{\infty} \frac{\sqrt{n+3}}{n\sqrt{n+1}}$

b) $\sum_{n=1}^{\infty} \frac{5n^2 + 2n + 3}{7n^3 + 31}$

c) $\sum_{n=1}^{\infty} \frac{5^n + 12}{6^n - 1}$