

Name: _____

Math 21C - Quiz 2
Thursday, July 6, 2006

For both of the series below: Does the series diverge, converge conditionally, or converge absolutely? Justify your answer by listing which test you use by name.

$$\sum_{n=1}^{\infty} \frac{1}{n^2 + 1}$$

$$\sum_{n=0}^{\infty} \frac{n!}{e^n}$$