

QUIZ 9 SPRING 2009 MAT 127 LECTURE 1

Name:

SB ID:

Find the radius of convergence and the interval of convergence for the following power series. Answers without justification will get no partial credit.

1.

$$\sum_{n=1}^{\infty} \sqrt{n} x^n$$

2.

$$\sum_{n=1}^{\infty} \frac{x^n}{n3^n}$$