Math 126: Calculus II   Name:_____

Quiz 9   *November 14, 2000*   Section:_____

1. Find the interval of convergence of the power series:

$$\sum_{n=1}^{\infty} \frac{3^n(x-4)^n}{n}$$

2. Find the Taylor polynomial of order 3 for $f(x) = \sin(2x)$ at $x = 0$.