Calculus II. Quiz 8. Name _____ Time_____
Show all work for full or partial credit. Put a box around your final answer in each part.

1. For each power series, determine the interval of convergence and the radius of convergence.

(a) $\displaystyle\sum_{n=1}^{\infty} \frac{2(x-1)^n}{n3^n}$

(b) $\displaystyle\sum_{n=1}^{\infty} \frac{x^n}{n^2}$