Fake Quiz 2 Calculus 2 4/27/2016

Each problem is worth 0 points. In the event of an actual quiz, you would have received warning.

1. Determine the interval and radius of convergence of the series $\sum_{n=1}^{\infty}(-1)^n \frac{x^n}{n^2 5^n}$.

2. Determine the interval and radius of convergence of the series $\sum_{n=1}^{\infty}\frac{(x+2)^n}{n4^n}$.

3. Determine the interval and radius of convergence of the series $\sum_{n=1}^{\infty}\frac{2^n(x-2)^n}{(n+2)!}$.

4. Determine the interval and radius of convergence of the series $\sum_{n=1}^{\infty}\frac{2^n(x-3)^n}{\sqrt{n+3}}$.

5. Determine the interval and radius of convergence of the series $\sum_{n=1}^{\infty}\frac{(-1)^n x^n}{(2n+1)!}$.

6. Determine the interval and radius of convergence of the series $\sum_{n=1}^{\infty}(-1)^n \frac{x^n}{n}$.