

Quiz B: Root and Alternating Series Test

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

2. 
$$\sum_{n=1}^{\infty} \frac{(-1)^n (3n-1)}{(2n+1)}$$

3. 
$$\sum_{n=1}^{\infty} \left( \frac{4n+3}{2n-1} \right)^n$$

4. 
$$\sum_{n=1}^{\infty} \left( \frac{n}{3n+1} \right)^n$$