

QUIZ 11

Name _____

1. Determine whether the following series converge or diverge.

$$(a) \sum_{n=0}^{\infty} \frac{3^n}{5^n}$$

$$(b) \sum_{n=0}^{\infty} \frac{2^n}{(2n+1)!}$$

$$(c) \sum_{n=0}^{\infty} \frac{n+1}{\sqrt{n}} (-1)^n$$