MATH 102-15 (172)
QUIZ # 10

NAME: ID. #:

Q1. Show that $12 + 4 + \frac{4}{3} + \frac{4}{9} + \frac{4}{27} + \dots$ is a geometric series and find its sum.

Q2. Determine if the following sequence converges or diverges. If the sequence converges determine its limit.

$$\left\{ \frac{e^{2n}}{n} \right\}_{n=1}^{\infty}$$