

## HW #9 Final Answers

1.  $\infty$  Diverges

2.  $\frac{1}{36}$  Converges

3.  $\frac{7}{9e^6}$  Converges

4.  $\frac{3}{4e^2}$  Converges

5.  $1$  Converges

6.  $\infty$  Diverges

7.  $\frac{3\pi}{20}$  Converges

8.  $-\infty$  Diverges

9.  $\frac{3\pi}{20}$  Converges

10.  $\infty$  Diverges

11.  $-\frac{1}{4}$  Converges