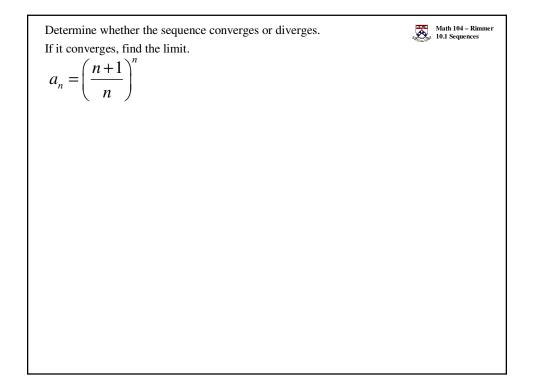


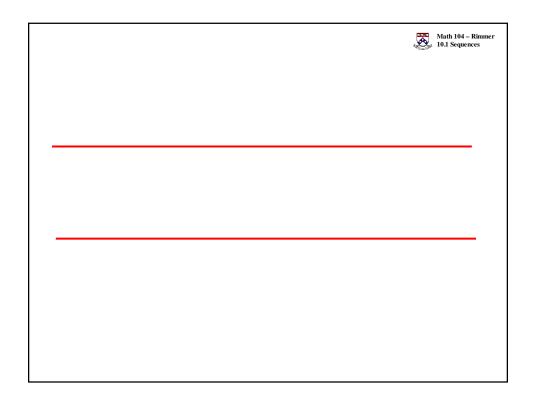
Determine whether the sequence converges or diverges.
If it converges, find the limit.

$$a_n = \sqrt{\frac{n+1}{9n+1}}$$

$$a_n = \frac{(-1)^{n-1}n}{n^2+1}$$



Math 104 – Rimmer 10.1 Sequences



Determine whether the sequence converges or diverges.
If it converges, find the limit.

$$a_n = \frac{(-1)^n \sin(n^2)}{n}$$