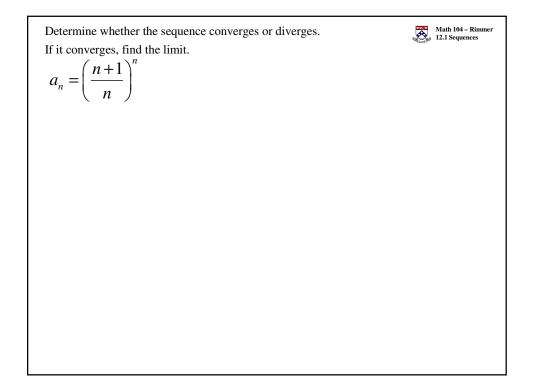


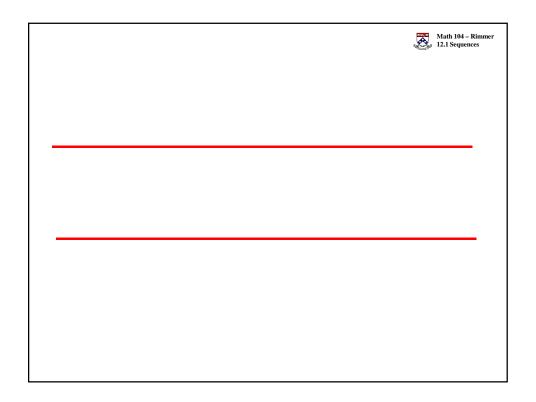
Determine whether the sequence converges or diverges.
If it converges, find the limit.

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

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



×.	Math 104 – Rimmer 12.1 Sequences



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

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