Quiz 5 S13

lim plan

 $\left|\frac{n^{|nn|}}{7^n}\right|$

 $\frac{n^2n}{n^2} = \frac{2n}{n^2} = 2n$

From the above by the root test the limit is diagonal, such that s(n) will grow forter then g(n), such that:

f(n) & 1 (g(n))

g(n) is a lover bound of f(n)