**ECS20**

Discussion 8: 2/27 to 3/4

***Induction:***

Use induction to prove each of the following:

a)  for all n >0

b)  for all n≥4

c)  for all n>0

***Fibonacci:***

The following problems refer to the Fibonacci numbers defined in class:

1. Show that for all n >0, 
2. Show that for all n>0, *f4n* is divisible by 3.