CSC236 tutorial exercise #2
fall 2014

1. Use a variation of simple induction to prove that for **most** natural numbers n, $4^n \geq n^4$. You need to decide what what "most" is, and how to express that in your proof.

2. Use a variation of simple induction to prove that for most natural numbers n, any set of n elements has 2^{n-1} subsets with an odd number of elements.