CS 70, Summer 2014 — Homework 1 Reflection

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In 6a, I ended up proving the same hypothesis but I used cross multiplication instead which led to the same result.

In 7, I didn't state that if r is irrational which leads to m to be zero which does in fact exist, besides that I approached the proof the same way.

For 9a, I didn't state that the use of $max(x-1, y-1)$ was incorrect but instead that another base case was needed to show that when $n = 1$ the hypothesis falls apart.