Homework Template

Professor Sarah MATH 301 - Introduction to Proof and Abstract Reasoning

February 8, 2014

Theorem x.yz. Delete this text and write theorem statement here.

Proof. Blah, blah, blah. Here is an example of the align environment:

$$\sum_{i=1}^{k+1} i = \left(\sum_{i=1}^{k} i\right) + (k+1)$$
$$= \frac{k(k+1)}{2} + k + 1$$
$$= \frac{k(k+1) + 2(k+1)}{2}$$
$$= \frac{(k+1)(k+2)}{2}$$
$$= \frac{(k+1)((k+1)+1)}{2}.$$

(by inductive hypothesis)

Proposition x.yz. Let $n \in \mathbb{Z}$.

Disproof. Blah, blah, blah. I'm so smart.

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