

# Topperology

Your Name

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Information about collaboration should go here. If you feel it is appropriate to include any other comments as an introduction, put it here too.

**Problem x.yz.** Delete this text and write your statement here. Replace x.yz with the class's numbering convention for that item.

*Proof.* Blah, blah, blah. Delete this and write your proof here. □

**Theorem w.xy.** This is a theorem about flying pigs.

*Proof.* Blah, blah, blah. This is another proof for you to delete. It has some math symbols in it: Let  $\alpha \in (A \cup B) \cap \{\text{flying pigs}\}$  and  $\mathbb{Z} \subset \mathbb{R}$ .

**Case 1:** Suppose  $x = \sin \theta$  ... thus pigs fly.

**Case 2:** Suppose  $x \neq \sin \theta$  ... therefore, pigs fly.

Since in every case pigs fly, we have proven that pigs do fly. □

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