

Inquiry & Proof

Your Name

January 22, 2016

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

You'll generally be turning in one item per page, but here is another example, just so we can showcase a few more features of L^AT_EX.

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. □

If you want to include a figure, you have to upload the image file to overleaf (or store it in the same folder as your .tex file, if you're not using overleaf). Look in the .tex source file for the syntax, which has been commented out so it doesn't appear here in the pdf.

It is possible to change the way your figure is placed and sized. Play around with the parameters to see what happens.

By the way, when you make figures with GeoGebra, you can easily "export" as a .png file. Then upload into overleaf.com using the "Project" button, then "Add files..."

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