

00-000 Course Name  
Semester, Section X

Homework 0

Name (Student ID)

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## Problem 1: Example

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This is a sample problem to briefly showcase the features of this template.

*Note.* The problem title (“Example” in this case) is optional.

*Remark.* Feel free to edit anything and everything above to suit your needs.

Part (a):

**Theorem 1.1.** *There exists a means to reference any existing problem or subproblem.*

*Proof.* To reference a whole problem, write [something like this](#), and to reference a specific part, try [this](#). ■

Part (b) - More Subproblems:

You can add as many subproblems as you want within each problem environment. Note the optional title.

Sub-Addendums:

You can use the “subaddendum” environment to have full control over subsection title.

## Problem 2

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Each problem starts on a new page.

## Shortcuts

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The addendum environment is a “problem” with less autoformatting, similar to the subaddendum environment. There are shortcuts for common mathematical symbols, such as  $\frac{\partial f}{\partial t}$ ,  $\text{Var}$ ,  $\|X\|$ ,  $\mathbb{C}$ ,  $\{n \in \mathbb{N} : n \text{ is prime}\}$ , and more.