## Problem Set I

Problem Set Title October 1, 2024 Enter Professor Name

Enter Name<sup>1</sup>

## 1 Section Title

**Problem 1.** Problem statement here.

**Solution.** Solution goes here. Use the *italic* or **bold** text as needed. You can add figures (Fig. 1) with captions and labels:

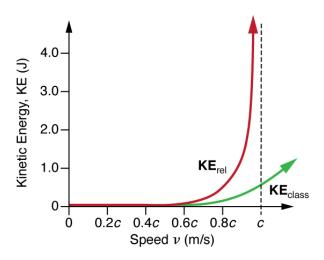


Figure 1: Caption for the example figure.

Continue with the rest of the solution. For equations, you can use:

$$E = mc^2 (1)$$

or

$$E = mc^2$$
$$F = ma$$

Add more text here, or conclude your solution.

Remark. Remarks can be added at the beginning, end, or in the solution.

*Proof.* Proofs can be added at the beginning, end, or in the solution.

<sup>&</sup>lt;sup>1</sup>Collaborators or other acknowledgments can be added here.