

# Homework One

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## Instructions

Answer the below questions to the best of your ability. In the event you use outside resources for information please **cite them**. If you are unsure how to cite or would like a format for citations please refer to IEEE or AMS citation style.

### 1 Q

Please write a small paper (half a page-ish) about Logic. Its origin, its history, how it is used today, anything you want.

### 2 Q

Please write a small paper (half a page-ish) about Set Theory. Its origin, its history, how it is used today, anything you want.

### 3 Q

Please write a page paper about the relationship between Mathematics and Computer science. How are they two fields related; Why are they related; What is the relation between them.