

Math 1007 Summer 2025  
Mathematics and Politics  
Homework 9  
Due Monday, July 21

**Name:**

Make sure to explain why all your answers are correct!

- (1) Do *The Mathematics of Politics* problem 8.1
- (2) Do *The Mathematics of Politics* problem 8.2
- (3) Do *The Mathematics of Politics* problem 8.3
- (4) Do *The Mathematics of Politics* problem 8.6
- (5) Do *The Mathematics of Politics* problem 8.7
- (6) Do *The Mathematics of Politics* problem 8.8