

Math 1007 Spring 2026  
Mathematics and Politics  
Homework 3      Due on Blackboard  
Tuesday, February 3 at 4:45 PM

**Name:**

Make sure to explain why all your answers are correct! Remember that you should be making short persuasive arguments. (This explanation can take the form of showing calculations, or of a couple sentences of writing, depending on the question.)

(1) Do *The Mathematics of Politics* problem 3.2

(2) Do *The Mathematics of Politics* problem 3.4

(3) Do *The Mathematics of Politics* problem 3.8

(This one is tricky and worth double points. Make sure to explain why you give the answers you do!)

(4) Do *The Mathematics of Politics* problem 3.10