

## HOMWORK ASSIGNMENT NO. 1

DATE: ASSIGNED SEPT 5, 2019 - DUE SEPTEMBER 11, 2019 (11:59PM)

Your assignment should include complete sentences and explanations and not just a few equations or numbers. A solution will not receive full credit unless you explain what your answer represents and where it came from. You may discuss the homework with other students in the class, but please write your own solutions. Please reference any sources you borrowed material from (e.g. pictures, formulae, ideas on how to solve the problem, online programs, etc.).

- (1) Complete the academic integrity tutorial found online at  
<https://spark.library.yorku.ca/academic-integrity-what-is-academic-integrity/>
- (2) In class we discussed the following question:

What is the maximum number of regions created  
in a plane by drawing  $n$  intersecting lines?

Write a summary of the discussion and a solution to the problem (in  $\text{\LaTeX}$ ) and hand it in through the course moodle. You should include at least one image (that you drew yourself), one table, and at least one list within your text. Read the criteria that is laid out on the web page for this class about the expectations for your homework. Make sure that it follows as many of them as possible.