Assignment 1

Show all your work

Name: _____

Number: _____

Signature: _____

Score: ___/1

Problem 1: After reading Chapter 1 and doing exercises in the last section of the chapter, how many different objects are counted by the triangular numbers? Hint: Review the chapter to see where triangular numbers appear.

For each case, clearly list at least the first four instances to establish the desired pattern.

Handshake problem, intersection lines in general position, triangular numbers, maximum number of cords between a given number of points in general position, the toothpick-formed triangles in the template lecture notes, etc.