Lesson 1.1

In each of the 3 diagrams at the right, let $V =$ the number of dots, $E =$ the total number of line segments connecting pairs of dots, and $F =$ the number of non-overlapping triangles in the diagram. For each diagram, find the number $V - E + F$. If you were to make your own diagram by connecting dots with line segments, forming triangles, what do you think this number would be?