









Chris Hunt MTH 231 DP8 11) Let Ki, Kz, ..., K; be a list of Zt that sum to 1 use two graph containing a vertile to explain why Triangle has n - (n-1) n(n-1) or $\binom{n}{2}$ A graph with n vertices contains 69963 6 e 2 ges = (4) 3 -2:5 (2)-10 $\binom{3}{2} + \binom{2}{2} = 3 + 1 = 3$ Consider two graphs, on Kn one another with n vertices which is the sum of all connected vertices K-K; Since this graph is not connected it can not exceed the number of the complete graph K and since the number of edges in a 60 mplote graph can be Found by (2) where x ore the # of vertice in a complete graph (2) will always he greater flow



