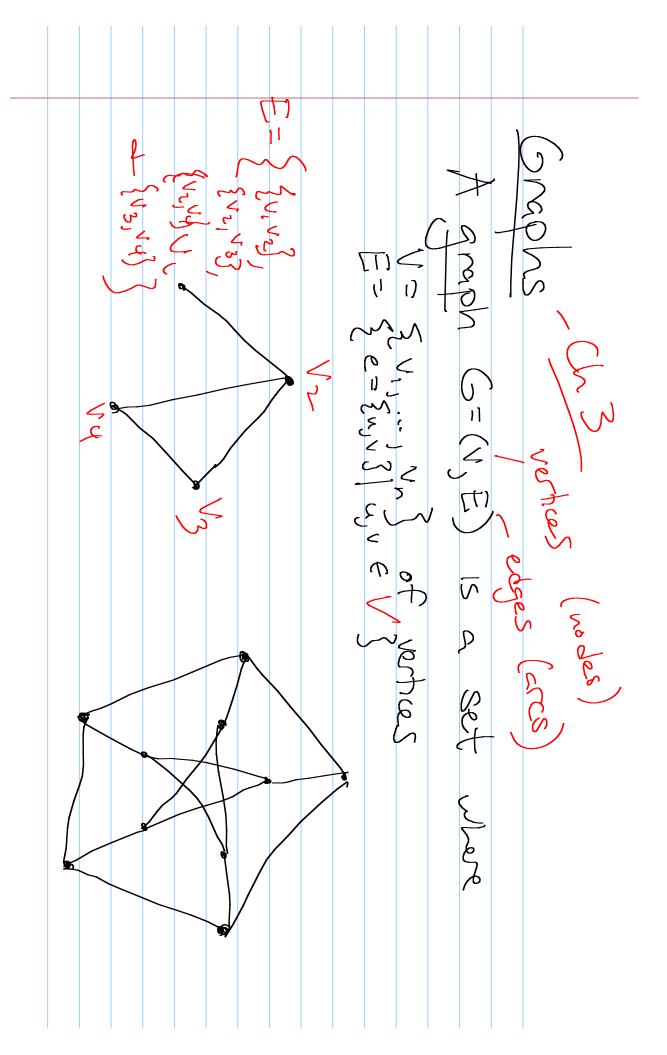
Note Title throuncements - A note on office hours -HW1 up due , HWO- back on Monday -Reminder: "I dorit know" policy Sydal next triber 1/22/2010

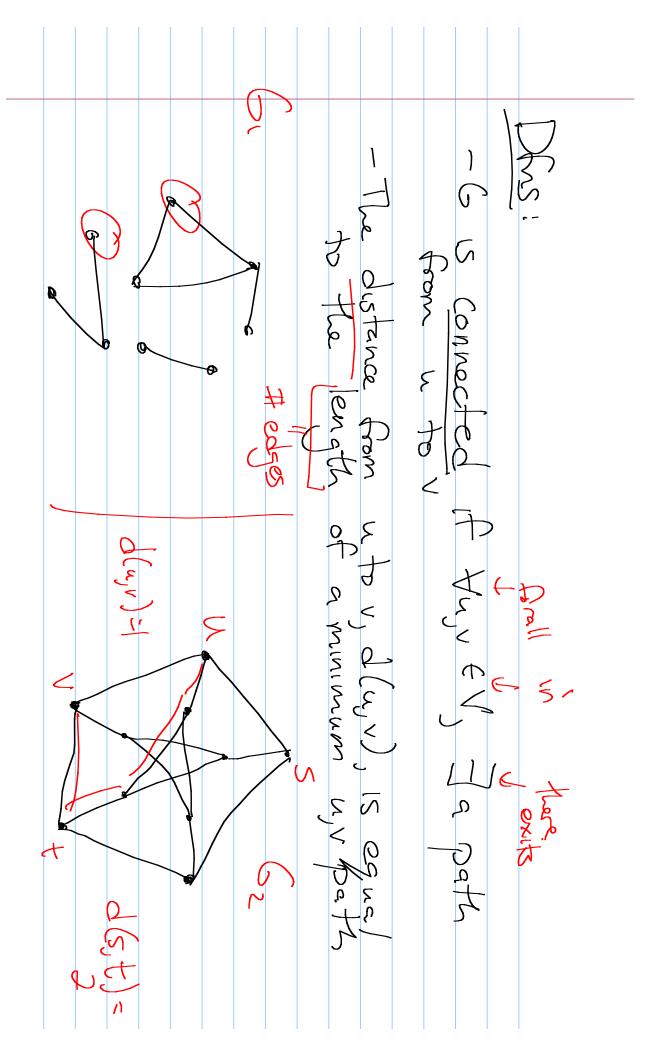


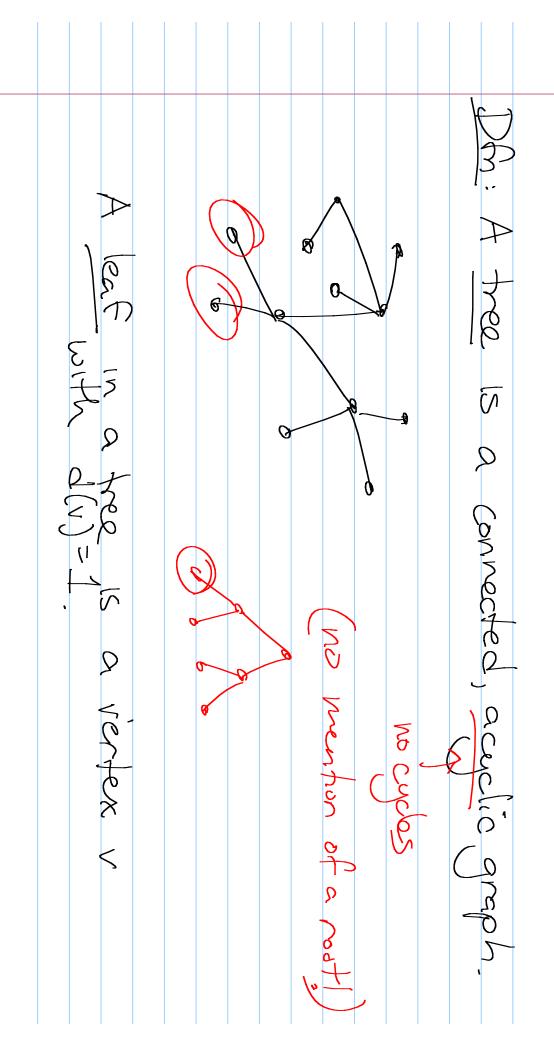
			intornet back bone	tace loso L	MaDS	_	relations - spatial fles	) marchans	Examples:

Shitons! 61 (M, N) edce 15 an thordered ( is an ordered pain case {W, W} = { W, W, default been rom x oto y get men

essitions: A path is simple it al the 15 simple Jexcept path P= V, Vz, -, Vr 15 a Set of vertices such that EVI; Vi+15 EE degree of a vertex v d(v) 15 the mumber of adjacent eases KY EXX

emma (degree-sum tormula, Droot: T COUNB ENEN ) 11 22 17 vertices connects ounts over ONCO (H)





omms: 6nsides Joseph puside endots tree with rave Raxiera P Connect Q رسادله. \ V vertices Las S SIMPR Lave 20

Uhow connected y induction on C,5 (one of 3 - after 2 are extra credit! base case does not contain 1+ 15 Connected + a cyclic than 1+ has k-1 edgs. of the tollowing Convected graph with Krn vertices vertuel ic => n-l edges #verts -8 2 CMC 8 Imply the 3rd:

() Les 001 0 6-lest is acyclic single [ec+ 100 No-2 a Jost 051 twer edge added anythin SSO VC fox

acithms on tely connected? Syder text tre: nodes, are