General concept: manipulating ceustions, simplifying expressions, Londing out things tectains Dings most fundamental concept If you understand this concept well, you will be poised for success in math 243 andory of snabogy: anything in Cach Lone with 1/2 variable 5, you need -s be confatible with 10 you a do it with 203 variables resp. Exceptions me one-off units and lest half of Calc 2. See 619 lecture for more info other sources gen. / follow this too

Seneral remark. Vive, wectors

2, b, c, d, e, ..., r, S, t are typically

Scalars U/V/W ere vectors x y Z up to the situation Q: Some students may 25K, who cores Where things are coming from? Just give us the farmulus to plug everything in A: you may not care, but other A150, your knowledge will bro tiny changes. Many problems in Small variations of meth ere examples. given See 6/10 discussion for more commentary on this remark general remark. If you miss class, downlass notes, and notice a remark in the notes is confusing, search the

Segment of the recording used to croste the remark

If that Still leaves you confused, 2st me by email writing what day & slide & remark quote you need help on

General remark. Choose your own variable names. As larg 25 you can do the work to solve the problem and it is clear to engine reading the world how the calculation is going, no problem. There is some personal preference on whether to use u&v for a problem that heels 2 vectors or use valu for example

General remark: Long worry

Should whether & verter is very or we so long 25 it's defined clearly. Focus on computation mistakes and conceptual errors instead, like 2(u+v) = 2u+v or taking ||vv|| or ||-u|| = -||u||