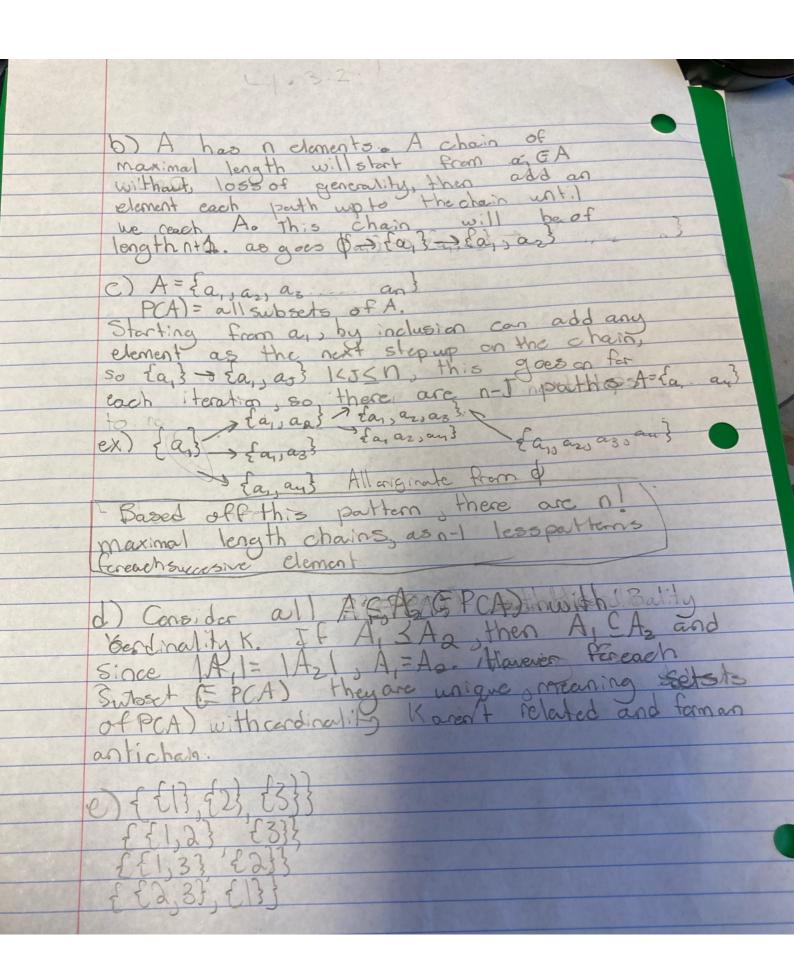
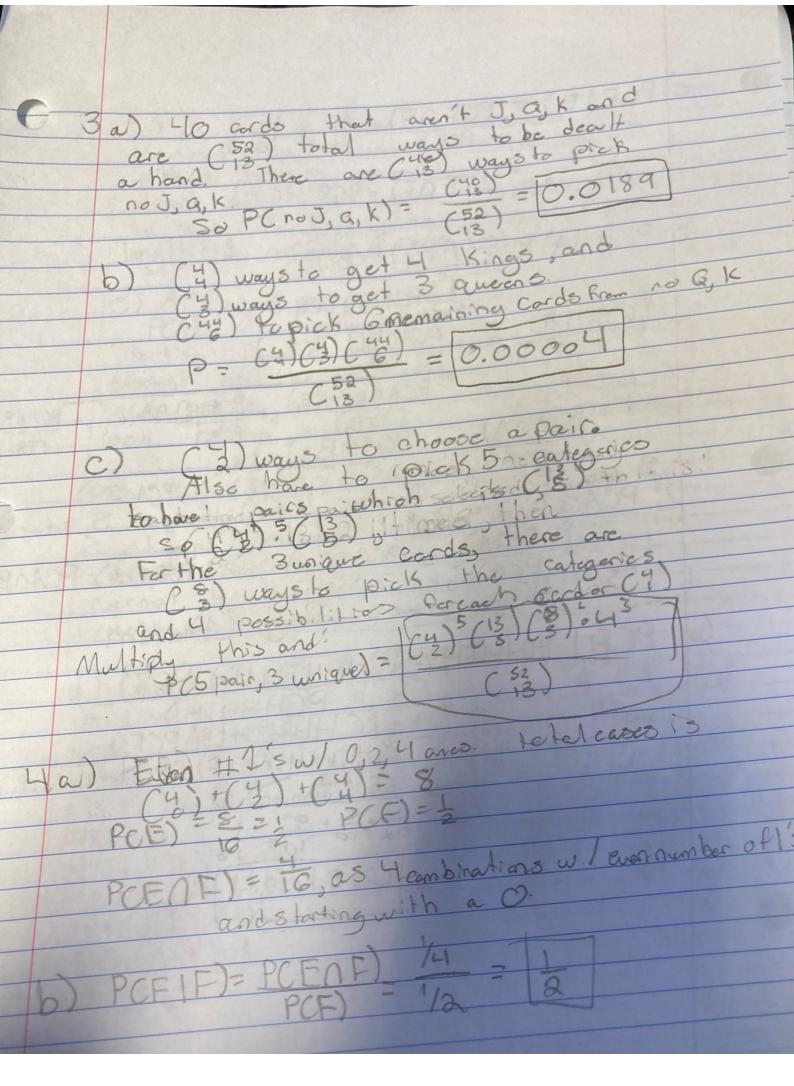
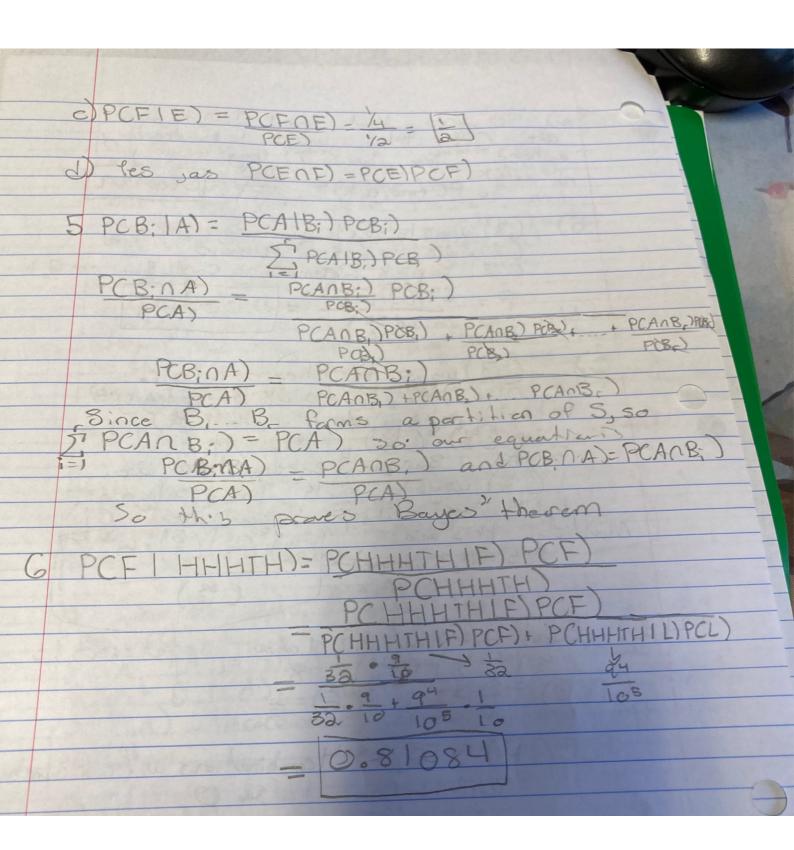
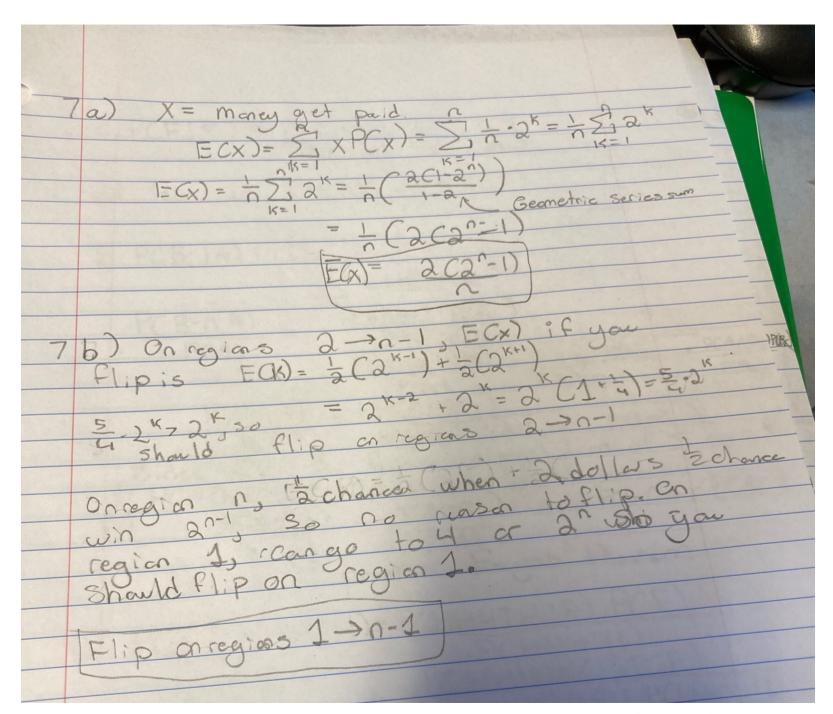
elements in A, there is machent anachain laws For tagA, 15a. d) the maximal elements are 9,10, and 12, as they are the highest respective values on each chain. e) There is no maximum, as we shaved in class a maximum must be derique and the only maximal, which doesn't exist. 2 a) Conditions for a poset one reflexive, antisymmetric reflexive: Every subset of PCA) is contained within itself, meaning for A, EPCA), A, SA, antisymmetric. If A, & Az and Az & A, then
A, EAz and Az EA; and by definition of A, EA, A, EA, meaning A, EA, So A, I Az shaving









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