#17

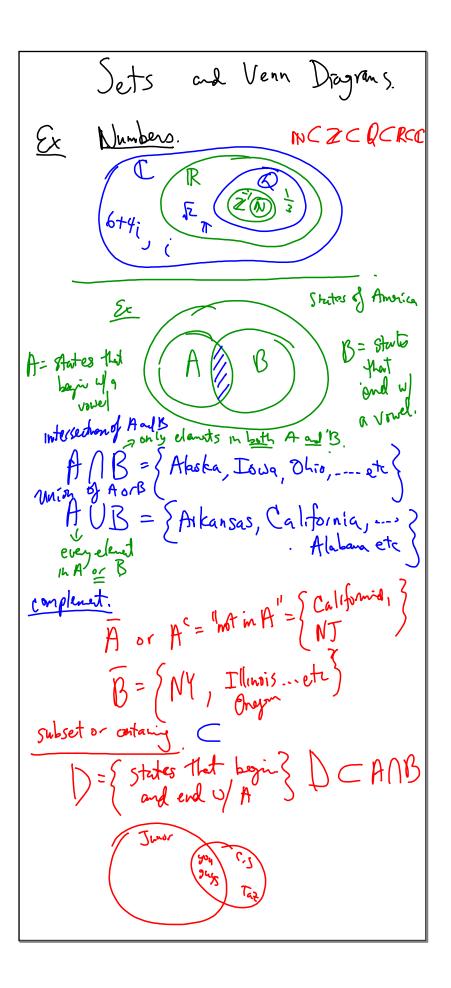
growth at 32 growth at 32 A=AoC + A=Ao(1-03) annual growth

 $= 1000 + \frac{1000}{e^{0.04}} + \frac{(000)}{(e^{0.04})^2} + \frac{(000)}{(e^{0.04})^3} + \cdots$   $= 1000 + \frac{1000}{e^{0.04}} + \frac{(000)}{(e^{0.04})^3} + \cdots$   $= 1000 + \frac{1000}{(e^{0.04})^3} + \frac{(000)}{(e^{0.04})^3} + \cdots$ 

= 25,503.33

Discont a stream of payments p: at a Ko

 $P_0 + \frac{P_1}{e^{0.0K}} + \frac{P_2}{(e^{0.0K})^n} + \frac{P_n}{(e^{0.0K})^n}$ 



## Inclusion/Exclusion A = # of elements |AUB = A + B - ANB 335 the math = A 287 tau scrive = 13 220 take both