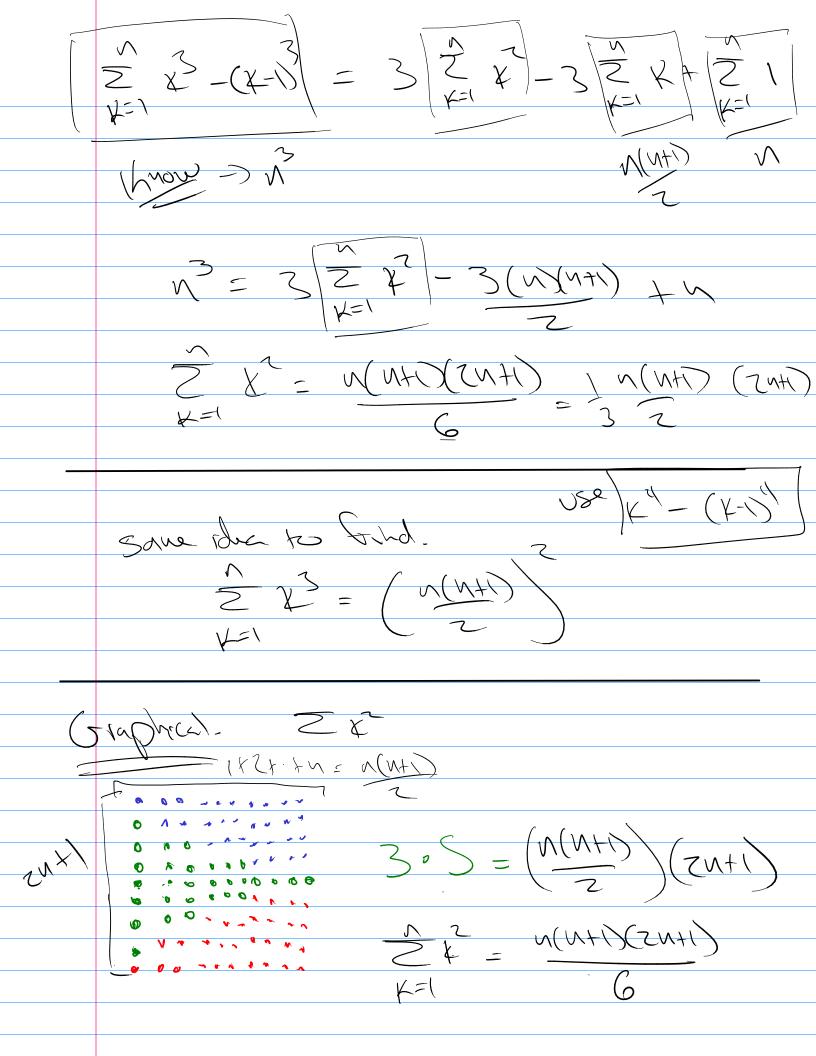


$$\frac{1}{2} x^{2} - (x-1)^{2} = (x^{2} - x^{2}) + (x^{2} - x^{2}) +$$



a = 0,999,-. 10 a = 9,999 ---10a-a=9a=9.99.--0.589. 9a=9 A=1 Show: 0.123 = 0.122999-Zart = atartartartar $= \begin{cases} Q\left(\frac{L-1}{L_{N+1}-1}\right) & 1 \neq 1 \end{cases}$ Cardinality & (S) = n where n is non-neg the Sis called Finite and is 5's cardinality

 $\neq (a_i) = b$ is it there is a bijection from A to B then they have the same cardinality. er () ?) ?) () ?) 2,4,6,8,10, ---Def. | = 34 aleph null is the cardinality of the country winders. Det: given [5] if (S/CZ+ Sis countable @ 151=36 5 is countable.

