Some new notation to avoid confusion that is happening. Use it if it helps you [Prof. Gr. will). This new notation is very common. Let be R (so b is a scalar) and B be a vetor. 1. the absolute value of number b = 161 = 161 2. the length of the vector $\vec{B} = |\vec{B}| = |\vec{B}|$ book's votation . 1 1) can mean 2 different thing, or length of a vector New 1.1 for absolute value of a # 11.11 for length of a vector