Which sets of 1RW can be expressed as the cartesian product of subsets of 1R a) { X | X; is an integer for all is  $= \sum x \sum x \cdot \cdot \cdot x = \sum \omega$ b)  $\{ \times \mid X; \geq i \text{ for all } : \} = [1, \infty) \times [2, \infty), \times \cdots \times [i, \infty) \times \cdots$ c) {x | X; is an integer for i > 100}  $= \mathbb{R}^{99} \times \mathbb{Z}^{\infty}$ (d)  $\{ X \mid X_c = X_3 \}$ assume that there is such a subset

A then RxAxAxRw Since X2 can take any value in R A=R but (1,2,3,...) G Rw &