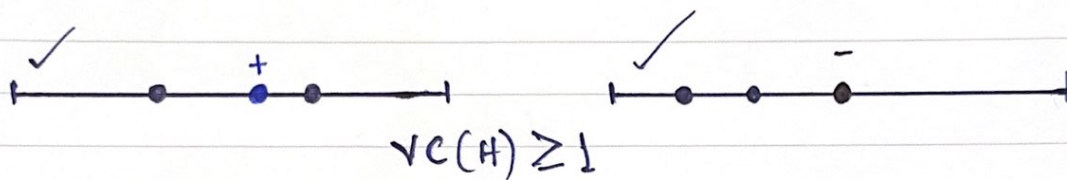


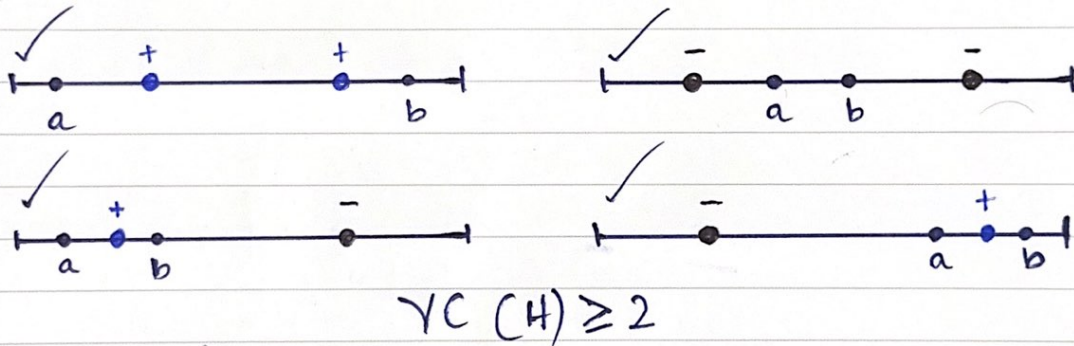
VC - Dimensions of other hypothesis spaces, e.g. intervals in \mathbb{R} :

$$h(x) = +1 \text{ if } a \leq x \leq b, \quad h(x) = -1 \text{ otherwise.}$$

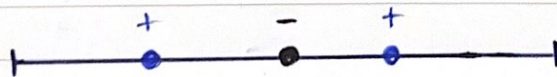
\Rightarrow let's consider 1 point.



\Rightarrow let's consider 2 points.



\Rightarrow let's consider 3 points.



In this case, it's impossible. Hence $VC(H) = 2$.

□