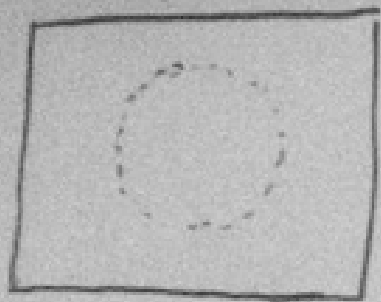
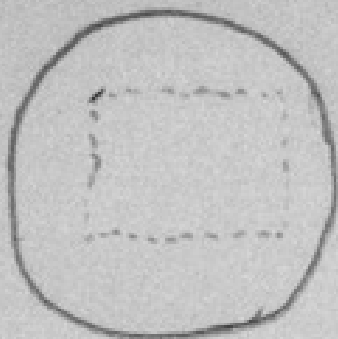


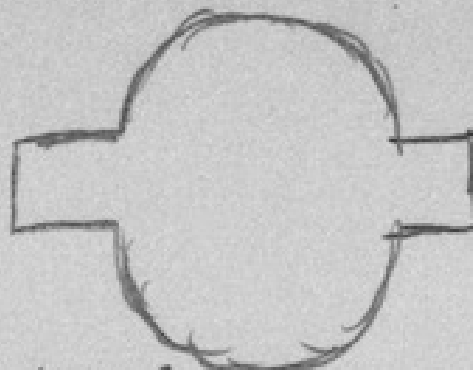
$$VC(\mathcal{H}_1) = 4$$



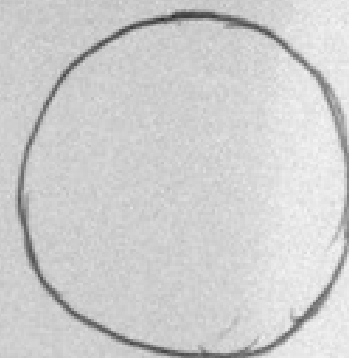
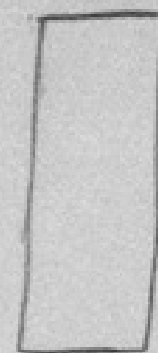
$$VC(\mathcal{H}) = 1$$



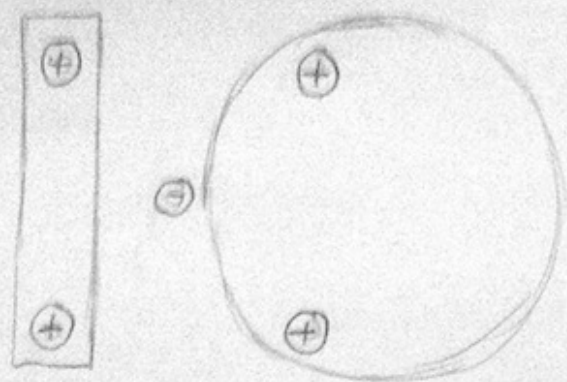
$$VC(\mathcal{H}) = 2$$



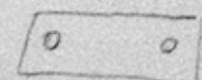
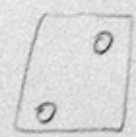
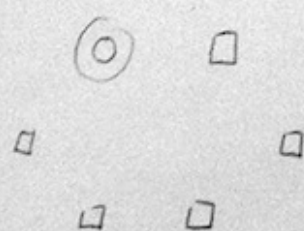
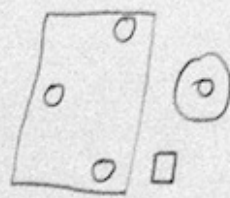
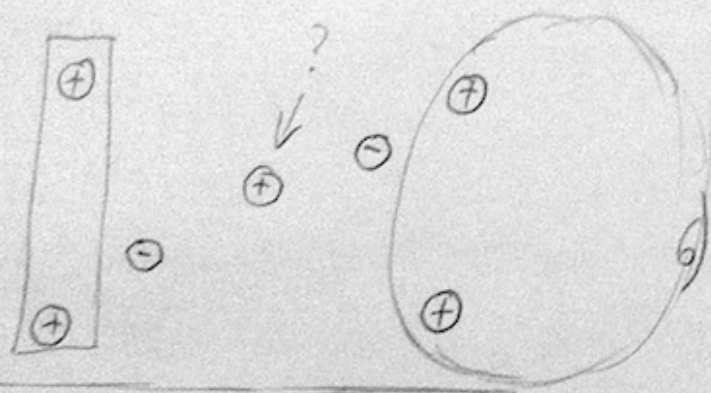
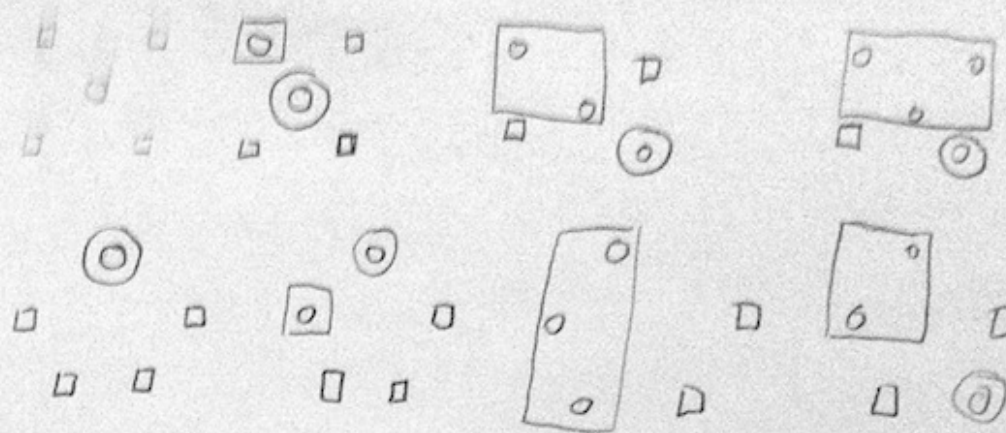
$$VC(\mathcal{H}) = 4$$



$$VC(\mathcal{H}) = 6$$



5)



$$\max(VC(\mathcal{H}_1 \cup \mathcal{H})) = 6$$

