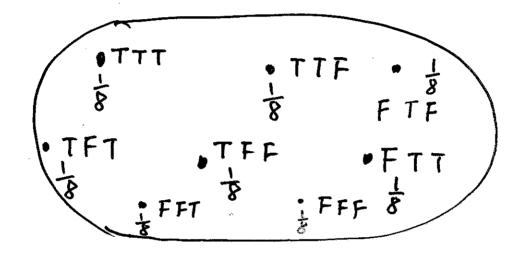
18-11-2008

Recap

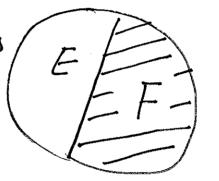
· Sample space: set of all possible out comes of a process



Visualized as a set of points in side an ellipse/Rectangle

- Prob. Weight assigned to each point p(x)
- · Event: subset of points
- Prob of event: $P(E) = \sum_{x \in E} P(x)$

$$\sum_{x \in S} p(x) = 1$$



*
$$P(E) + P(F) = P(S) = 1$$

Theorem 5-1