1.3

1. H → Head
   T → Tail

sample space = $S = \{$ HHH, HHT, HTH, HTT

THH, THT, TTH, TTT $\}$

2. Four outcomes have two heads and above

A = $\{$ HHT, HTH, THH, HHH $\}$

3. A = $\{$ HHH, HHT, HTH, THH $\}$
   B = $\{$ HTT, THT, TTH, TTT $\}$

A∪B = $\{$ HHH, HHT, HTH, THH, HTT, THT,

TTH, TTT $\}$

A∩B = ϕ mutually exclsive events
                          (disjoint)