

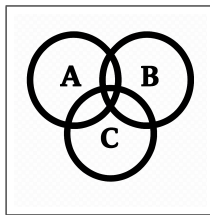
A

Probability

A



$$S = \{B, B, R, R, R\}$$



$$\textcircled{\neq}(S, BB) = \textcircled{\neq}(S, B) \times \textcircled{\neq}(S, B) = 0.40 \times 0.25 = 0.10$$

$$\textcircled{\neq}(S, BR) = \textcircled{\neq}(S, B) \times \textcircled{\neq}(S, R) = 0.40 \times 0.75 = 0.30$$

$$\textcircled{\neq}(S, RB) = \textcircled{\neq}(S, R) \times \textcircled{\neq}(S, B) = 0.60 \times 0.50 = 0.30$$

$$\textcircled{\neq}(S, RR) = \textcircled{\neq}(S, R) \times \textcircled{\neq}(S, R) = 0.60 \times 0.50 = 0.30$$

$$\textcircled{\neq}(S, BB) = \textcircled{\neq}(S, B) \times \textcircled{\neq}(S, B) = 0.40 \times 0.40 = 0.16$$

$$\textcircled{\neq}(S, BR) = \textcircled{\neq}(S, B) \times \textcircled{\neq}(S, R) = 0.40 \times 0.60 = 0.24$$

$$\textcircled{\neq}(S, RB) = \textcircled{\neq}(S, R) \times \textcircled{\neq}(S, B) = 0.60 \times 0.40 = 0.24$$

$$\textcircled{\neq}(S, RR) = \textcircled{\neq}(S, R) \times \textcircled{\neq}(S, R) = 0.60 \times 0.60 = 0.36$$



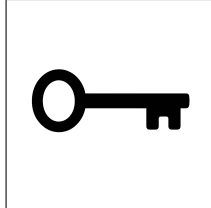
$$S = \{B, B, B, R\}$$

$$\textcircled{\neq}(S, BR) = ?$$

A

Probability

A



$$S = \{B, B, B, R\}$$

$$P(S, BR) = P(S, B) \times P(S, R) = 3/4 \times 1/4 \approx 0.19$$