

# B

$$X = \{ \{ \text{obverse Lincoln}, \text{reverse Lincoln} \}, \{ \text{obverse Lincoln}, \text{reverse Lincoln} \}, \{ \text{obverse Lincoln}, \text{reverse Lincoln} \}, \{ \text{obverse Roosevelt}, \text{reverse Roosevelt} \}, \{ \text{obverse Roosevelt}, \text{reverse Roosevelt} \}, \{ \text{obverse Roosevelt}, \text{reverse Roosevelt} \}, \{ \text{obverse Roosevelt}, \text{reverse Roosevelt} \}, \{ \text{obverse Roosevelt}, \text{reverse Roosevelt} \} \}$$

$$X = \{\{HH\}, \{HT\}, \{TH\}, \{TT\}\}$$

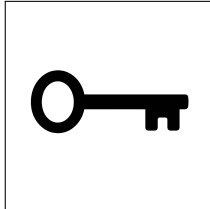
$S = \{ \{ \text{Lincoln}, \text{Lincoln}, \text{Lincoln} \}, \{ \text{Lincoln}, \text{Lincoln} \}, \{ \text{Lincoln}, \text{ONE CENT} \}, \{ \text{ONE CENT}, \text{ONE CENT} \}, \{ \text{ONE CENT}, \text{Lincoln} \}, \{ \text{ONE CENT}, \text{ONE CENT} \}, \{ \text{ONE CENT}, \text{ONE CENT} \}, \{ \text{ONE CENT}, \text{ONE CENT} \} \}$

$$S = ?$$

# 1

## Discrete Distribution Introduction

# B



$$S = \{ \{ \text{heads}, \text{heads}, \text{heads} \}, \{ \text{heads}, \text{heads}, \text{tails} \}, \{ \text{heads}, \text{tails}, \text{heads} \}, \{ \text{heads}, \text{tails}, \text{tails} \}, \{ \text{tails}, \text{heads}, \text{heads} \}, \{ \text{tails}, \text{heads}, \text{tails} \}, \{ \text{tails}, \text{tails}, \text{heads} \}, \{ \text{tails}, \text{tails}, \text{tails} \} \}$$

$$S = \{ \{HHH\}, \{HHT\}, \{HTH\}, \{HTT\}, \{THH\}, \{THT\}, \{TTH\}, \{TTT\} \}$$