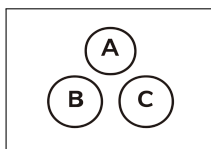


## 6

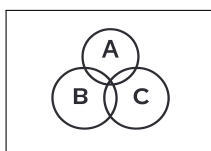
Discrete Distribution  
Classic Probability

## G

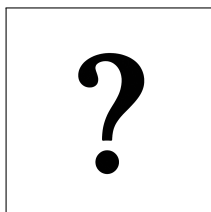


$$S = \{1, 2, 3, 4, 5, 6\}$$

$$E = \{1, 2, 3\}$$



$$P(E) = |E|/|S| = 3/6 = 0.5$$



$$S = \{D, D, G, G, G\}$$

$$T = \binom{5}{2} = \{\{D, D\}, \{D, G\}, \{D, G\}, \{D, G\}, \{D, G\}, \\ \{D, G\}, \{D, G\}, \{G, G\}, \{G, G\}, \{G, G\}\}$$

$$E = \{\{D, D\}\}$$

$$P(E) = ?$$

## 6

Discrete Distribution  
Classic Probability

## G



$$S = \{D, D, G, G, G\}$$

$$T = \binom{5}{2} = \{\{D, D\}, \{D, G\}, \{D, G\}, \{D, G\}, \{D, G\}, \\ \{D, G\}, \{D, G\}, \{G, G\}, \{G, G\}, \{G, G\}\}$$

$$E = \{\{D, D\}\}$$

$$P(E) = |E|/|T| = 1/10 = 0.10$$