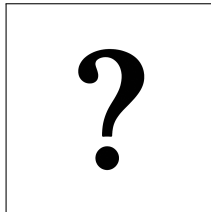
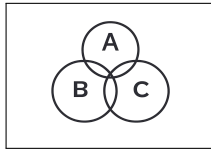
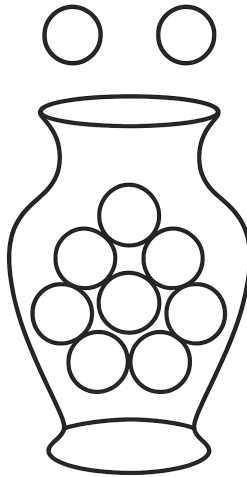
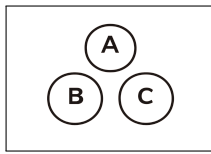


5

Discrete Distribution Combinations

D



$$m = 10$$

$$n = 2$$

$$\binom{m}{n} = \frac{m!}{n!(m-n)!} = \frac{10!}{2!(10-2)!} = \frac{10 \times 9}{2} = 45$$

$$m = 5$$

$$n = 2$$

$$\binom{m}{n} = ?$$

5

Discrete Distribution
Combinations

D



$$m = 5$$

$$n = 2$$

$$\binom{m}{n} = \frac{m!}{n!(m-n)!} = \frac{5!}{2!(5-2)!} = \frac{5 \times 4}{2 \times 1} = 10$$