



$$m = 10$$

$$n = 2$$

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

$$m = 10$$

$$n = 3$$

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

5

Discrete Distribution
Combinations

F



$$m = 10$$

$$n = 3$$

$$\binom{m}{n} = \frac{m!}{n!(m-n)!} = \frac{10!}{3!x(10-3)!} = \frac{10x9x8}{3x2x1} = 120$$