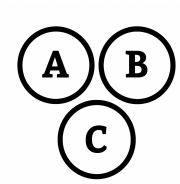
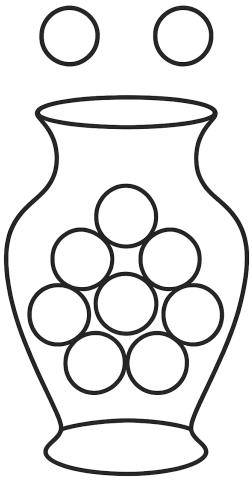
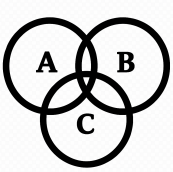
A Combinations A







$m = 10$

$n = 2$

$\binom{m}{n} = \frac{m!}{n!(m-n)!} = \frac{10!}{2!x(10-2)!} = \frac{10x9}{2} = 45$

?

$m = 13$

$n = 3$

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

A Combinations A

$m = 13$

$n = 3$

$\binom{m}{n} = \frac{m!}{n!(m-n)!} = \frac{13!}{3!x(13-3)!} = \frac{13x12x11}{3} = 286$