

The formula for the number of combinations of n things taken r at a time is _____.

A) $P(r, n) = \frac{n!}{r!(n-r)!}$

B) $P(r, n) = \frac{n!}{r!(n+r)!}$

C) $P(r, n) = n! \cdot r!(n-r)!$

D) $P(r, n) = n! \cdot r!(n+r)!$

The formula for the number of permutations of n things taken r at a

time is
$$P(r, n) = \frac{n!}{r!(n-r)!}$$

Answer A

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