

According to the binomial theorem, the third term of the expansion of $(a + b)^n$ is _____.

A) $\frac{n!}{2!(n-2)!}a^{n-2}b^2$

B) $\frac{n!}{3!(n-3)!}a^{n-3}b^3$

C) $\frac{n!}{4!(n-4)!}a^{n-4}b^4$

D) $\frac{n!}{1!(n-1)!}a^{n-1}b$

According to the binomial theorem, the third term of the expansion of

$$(a + b)^n \text{ is } \frac{n!}{2!(n-2)!} a^{n-2} b^2.$$

Answer **A**.

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