

The sum of the first n terms of an arithmetic sequence is given by the formula $S_n = \underline{\hspace{2cm}}$.

A) $\frac{(n-1)(a+l)}{2}$

B) $\frac{n(a+l)}{2}$

C) $\frac{(n+1)(a+l)}{2}$

D) $\frac{n^2(a+l)}{2}$

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formula $S_n = \frac{n(a + l)}{2}$.

Answer **B**.

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