

The sum of the first  $n$  terms of an arithmetic sequence is given by the formula  $S_n =$  \_\_\_\_\_.

- 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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The sum of the first  $n$  terms of an arithmetic sequence is given by the formula  $S_n = \frac{n(a+l)}{2}$ .

Answer **B**.