

The sum of the first n terms of a geometric sequence is given by the formula _____.

A) $S_n = \frac{a - ar^n}{1 - r}$

B) $S_n = \frac{a + ar^n}{1 - r}$

C) $S_n = \frac{a - ar^n}{1 + r}$

D) $S_n = \frac{a + ar^n}{1 + r}$

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formula
$$S_n = \frac{a - ar^n}{1 - r}.$$

Answer A

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