

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

The sum of the first n terms of a geometric sequence is given by the formula $S_n = \frac{a - ar^n}{1 - r}$.

Answer **A**