

The formula for the sum of an infinite geometric sequence with $|r| < 1$ is _____.

A) $S = \frac{a}{1 - r}$

B) $S = \frac{a}{1 + r}$

C) $S = \frac{a^2}{1 - r}$

D) $S = \frac{a^2}{1 + r}$

The formula for the sum of an infinite geometric sequence with $|r| < 1$

is $S = \frac{a}{1 - r}$.

Answer **A**