

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

Answer A

gfbi'14'05'07 2006-12-1