11.2. Summing are infinite series

(Fiven fam) a segmence, are are sold all the terms to form are infinite series:

Example:
$$a_0 + a_1 + a_2 + \cdots = \sum_{n=0}^{\infty} a_n$$
.

Example: $a_n = n$, then: $\sum_{n=0}^{\infty} a_n = 1 + 2 + 3 + \cdots$ which is can't finite.

Example: $a_n = (-1)^n$

The are infinite sum to wake sure, are lower to say advert it accounts to be finite. The infinite series $\sum_{n=0}^{\infty} a_n = a_n + \cdots + a_N = \sum_{n=0}^{\infty} a_n = a_n = a_n + a_n + a_N = \sum_{n=0}^{\infty} a_n = a_n$