

Algebra II

11-4

Series and Sigma Notation

Series -

Sigma notation -

$$\sum_{n=1}^5 2n - 1 =$$

Write each series in expanded form (and evaluate).

1) $\sum_{n=1}^6 n + 10$

Assignment: pg 521 2-30 even

Write each series using sigma notation.

11) $1^3 + 2^3 + 3^3 + \dots + 20^3$

21) $-9 + 3 - 1 + \frac{1}{3} + \dots$

