

Intermediate Algebra

12-1

Introduction to Sequences and Series

Sequence -

Write the first four terms of the sequence whose n th term is given by:

4) $a_n = 3n - 1$

Find the indicated term of the sequence whose n th term is given by:

18) $a_n = (-1)^{n-1}(n - 1)$; a_{25}

Series -

Sigma notation -

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

Write each series in expanded form.

38) $\sum_{i=1}^4 \frac{2i}{x} =$

Assignment: pg 607 1-47 odd
