ชื่อ_____ เลขที่_____ ชั้น ม.5/____

แบบฝึกหัดที่ 1 จงหาสี่พจน์แรกของลำดับต่อไปนี้

1 $a_n = n(2n - 1)$

a_1 = 1(2(1) - 1) =

a_2 = =

a_3 = =

a_4 = =

2 $a_n = 5^{n-1}$

a_1 = 5^1-1 =

a_2 = =

a_3 = =

a_4 = =

3 $a_n = \frac{n}{n+1}$

a_1 = 1 / 1+1 =

a_2 = =

a_3 = =

a_4 = =

4 $a_n = (-1)^{n+1}$

a_1 = (-1)^1+1 =

a_2 = =

a_3 = =

a_4 = =

5 $a_n = 1 - \frac{1}{10^n}$

a_1 = 1 - (1/10^1) =

a_2 = =

a_3 = =

a_4 = =

LIVEWORKSHEETS

6

$a_n = \frac{2n - 1}{n^2}$

a_1 = 2(1)-1/1^2 =

a_2 = =

a_3 = =

a_4 = =

7

$a_n = \frac{2n}{n + 1}$

a_1 = 2(1)/1+1 =

a_2 = =

a_3 = =

a_4 = =

8

$a_n = 5n - 3$

a_1 = 5(1)-3 =

a_2 = =

a_3 = =

a_4 = =

9

$a_n = (\frac{n}{2})^{n+1}$

a_1 = (1/2)^1+1 =

a_2 = =

a_3 = =

a_4 = =

10

$a_n = (-1)^n(2n + 1)$

a_1 = (-1)^1(2(1)+1) =

a_2 = =

a_3 = =

a_4 = =

LIVEWORKSHEETS

11

$a_n = 2n^2 - 1$

$a_1 =$ 2(1^2)-1 $=$

$a_2 =$ $=$

$a_3 =$ $=$

$a_4 =$ $=$

12

$a_n = \frac{n^3 + 1}{n + 1}$

$a_1 =$ 1^3+1/1+1 $=$

$a_2 =$ $=$

$a_3 =$ $=$

$a_4 =$ $=$

13

$a_n = (n - 2)(n + 2)$

$a_1 =$ (1-2)(1+2) $=$

$a_2 =$ $=$

$a_3 =$ $=$

$a_4 =$ $=$

14

$a_n = 1 - (-\frac{1}{2})^n$

$a_1 =$ 1-(-1/2)^1 $=$

$a_2 =$ $=$

$a_3 =$ $=$

$a_4 =$ $=$

15

$a_n = 1 + (-1)^n$

$a_1 =$ 1+(-1)^1 $=$

$a_2 =$ $=$

$a_3 =$ $=$

$a_4 =$ $=$

LIVEWORKSHEETS