

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Kuta Software - Infinite Algebra 2  
Introduction to Sequences  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Period: \_\_\_\_\_

Find the next three terms in each sequence.

1) 1, -3, 9, -27, 81, ...      2) 9, 109, 209, 309, 409, ...

3) 0, 3, 8, 15, 24, ...      4)  $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \frac{1}{16}, \frac{1}{32}, \dots$

5) 4, 16, 36, 64, 100, ...      6) 14, 34, 54, 74, 94, ...

7)  $5, \frac{5}{2}, \frac{5}{4}, \frac{5}{8}, \frac{5}{16}, \dots$       8) -8, 101, -99, 1001, -9999, ...

Find the tenth term in each sequence.

9) -1,  $\frac{2}{3}, \frac{2}{3}, \frac{12}{3}, \dots$       10) 7, 9, 12, 16, 21, ...

11) -2, -6, -18, -54, -162, ...      12) -23, -18, -13, -8, -3, ...

13) -4, 12, -36, 108, -324, ...      14) -6, -2, 0, 1,  $\frac{3}{2}, \dots$

15) -28, 172, 372, 572, 772, ...      16) 32, 46, 55, 64, 73, ...

Find the first four terms in each sequence.

17)  $a_n = \frac{2n+1}{n^2}$       18)  $a_n = 3^{n-1}$

19)  $a_n = n^2 + 1$       20)  $a_n = \frac{n^2}{2n+1}$

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**Kuta Software Introduction To Sequences Answers**