

Please complete the following problems for homework. Check Mrs. Kent's website for due dates.
THERE MAY BE PROBLEMS ON THE BACK!

1. Find the first three terms of each sequence from the given general term T_n .

a. $T_n = \frac{18-n}{2}$

b. $T_n = (2n + 7)^2$

2. Find the 8th term of each sequence from the given general term T_n .

a. $T_n = 5n(3 - 4n)$

b. $T_n = \frac{40+n}{3n}$

3. The general term of a sequence is $T_n = (2n + 3)(4n - 9)$.

a. Find the fifth and the ninth terms.

b. Find the sum of the fifth and ninth terms.

4. Find the general term, T_n , of each sequence.

a. 4, 7, 10, 13, ...

b. -8, 1, 10, 19, ...