DO NOW:

Find the next 3 terms of the sequences below. What is the rule to get from one term to the next?

Try writing a recursive formula using $t_n = the rule and (t_{n-1})$

a) 1, 5, 9, 13, _____, ____, Rule: _____

Recursive formula: $t_n =$

a) 1, 3, 9, 27, ____, ____, Rule: _____

Recursive formula: $t_n =$

HW Questions??

pg. 696 #11, 13, 16, 20, 23-25, 27, 29, 32



(which is read as _____)

3) Write the terms of the series. Then evaluate.



Practice: p. 696 # 43, 46, 49, 52

43) $\sum_{k=1}^{4} 10$

46)
$$\sum_{n=1}^{5} -2n$$

49)
$$\sum_{a=1}^{5} \frac{1}{3}a^{2}$$

52)
$$\sum_{m=1}^{4} 2m + 3$$

HW: Have a wonderful weekend!