

Adv Alg 2 Week 10 Wed.

Group warm up

AA2 w10d3 WU Response.notebook

1.  $\sum_{k=1}^{67} (3k^2 + 2k - 8)$

USE CLICKER

Enter answers for 1-4

2.  $4+9+14+\dots+499$

3.  $\sum_{k=1}^8 5(2)^k$

4. In an arithmetic sequence,  $a_{11}=-8$ ;  $a_{15}=20$ ; Find  $a_{100}$ .

5. Write a recursive formula

$-3, 6, -12, 24, \dots$

6. Write an explicit formula

$-8, -5, -2, 1, \dots$

7.  $-2+-5+-8+\dots$  Find  $S_{72}$ .