

**Answer 1-3 in clicker, please.**

1. In an arithmetic sequence,  $a_{17}=5$  and  $a_{21}=37$ . Find  $a_{80}$ .



2. Evaluate:  $\sum_{j=1}^5 (j+1)$



3. Find  $a_{97}$  of the sequence:  $-5, -2, 1, 4, 7, \dots$



4. Write an explicit formula for the  $n$ th term of the sequence in #3.



5. Write a recursive formula for the  $n$ th term of the sequence in #3.

