**Honors Precalculus  
Assessment #1 “Can you?”**

1. Write an expression for an, the n-th term of an arithmetic sequence?

2. Calculate a given term of an arithmetic sequence?

3. Write an expression for the sum of the first n terms of an arithmetic sequence?

4. Calculate the sum of a given number of terms of an arithmetic sequence?

5. Evaluate expressions in sigma notations?

6. Write an expression in sigma notation for a given series?

7. Use arithmetic sequences to solve real-life problems?