Sequences So Far 3.5.2

Welcome back! After a long break….. it's time to get back to work…. I know, it makes me sad too….. But, let's try to refresh our brains, shall we? You may use any notes or past work to help refresh your memories.

1. A. Tell me the differences between an arithmetic and geometric sequence.

   B. Write an example for each type of sequence below. Make them each at least 5 numbers long.

2. A. Tell me the differences between a constant difference and a constant ratio.

   B. One of your sequences above will have a constant difference, and the other will have a constant ratio. Tell me what those are for your sequences in number 1.

3. A. Tell me the differences between a recursive and explicit function.

   B. Write both a recursive and explicit function for each of your sequences in number 1. (The first number in your sequence, unless you said otherwise, is your 1st term, not the 0th term.)