Sequences   Name:_____

> ## Show all relevant work!
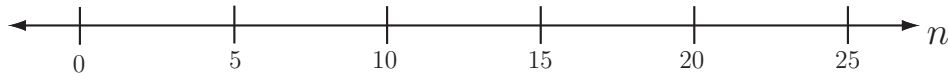
1. Complete the following sequences.

   (a) $3, 7, 11,$ _____ , _____ , _____ .   (b) _____ , _____ , _____ , $1, 7, 13,$ _____ , _____ , _____ .

2. Graph the points you found in part (1) on the number lines below.

   (a)

   (b)

3. Technically, a sequence is a relationship between the counting numbers, used as inputs, and a set of output values. The counting numbers just indicate the term number of each value in the sequence. The sequences above show only the output values. Transfer the sequences in (1) to the tables below.

   (a)

Input (term number):	1	2	3	4	5	6
Output:						

   (b)

Input (term number):								
Output:								

4. Plot points for each number in the sequence to 3(a).