**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Given the arithmetic (linear) sequence, write the explicit formula then find the 30th term.

1. -3, -7, -11, -15, … 2. 125, 120, 115, 110…

Write the first 5 terms for the following sequeces:

1. 
2. 
3. 
4. 

Write the a recursive formula and an explicit formula for each of thefollowing sequences:

1. 

Recursive Formula:



Explicit Formula:



1. 

Recursive Formula:



Explicit Formula:

