## Objective 4 Unit 13 Remediation

-to be able to analyze a set of data for the existence of a pattern by completing a table or sequence

Identifying Patterns of the sequence to find the next three terms.

## Example 1

So add 7 is the constant difference

Then, 13+7=20

And 27 + 7= 34 which means the next three terms are 20,27, 34

## Example 2

Х	5	6	7	8	9	10	11
у	12	17	22	27	?	?	?
	+5	5 +5	4	-5			

So first find the constant difference of the y terms:

Constant difference is +5

So then 32,37, and 42 would be the next three terms.

Complete each table.

1.

Number	2	4	6	8	10	12	14	16
Pattern	12	24	36	48				

2.

Number	1	2	3	4	5	6	7	8
Pattern	2	23	58	107	170			_

Find the next three terms in each sequence using constant differences. Show your work.