Numerical Patterns

<u>Numerical Pattern</u>: A list of numbers that occur in some predictable way.

<u>To find a pattern:</u>

1. Write the number that you need to add, subtract, multiply or divide to find the next number in the pattern.

2. Continue writing numbers until you discover the pattern.

3. You need 3 series for pattern.

<u>Examples:</u> Find the next 3 numbers in each pattern:

a) 8, 15, 22, 29, 36, …

    +7   +7   +7   +7

b) 50, 49, 47, 44, 40, …

    ~1   ~2   ~3   ~4

c) 14, 24, 22, 32, 30, 40, 38, …

    +10 ~2   +10 ~2 +10 ~2

<u>You Try:</u>

d) 10, 12, 15, 19, 24, …

e) 4, 8, 5, 10, 7, 14, 11, …