**ANSWERS**

A)  $f(x) =$ _____

B)  ( _____ , _____ , _____ )

C)    ( _____ , _____ )

A)  $f(x) = c_0 + c_1 x + c_2 x^2$

Find $f(x)$ under the following conditions: $f(0) = 4, f(1) = 3$ and $f(2) = 2$

B) The series $S = \sum\limits_{n=a}^{n=b} (3n - 5)$ generates a sum of 3 negative numbers and 2 positive numbers.

Compute the ordered triple $(a, b, S)$.

C) The simplified ratio of the sum of the terms of the infinite geometric sequence $3, -\dfrac{9}{4}, \dfrac{27}{16}, ...$

to the sum of the first four terms of the sequence is $A : B$. Compute the ordered pair $(A, B)$.