Sequences and Series

Consider the sequence defined by the following expression

$$u_n = n^2 - n + 1.$$

Showing all your working, compute the sum of the first 100 terms of this sequence.

Theorems for the summation of finite series

Theorem 1	Theorem 3
	_____
Theorem 2	Theorem 4
_____	_____ for all x $\mathbb{R}$ with x

$$u_n = n^2 - n + 1.$$