Sums of Squares and Cubes

Example

(a) Show that

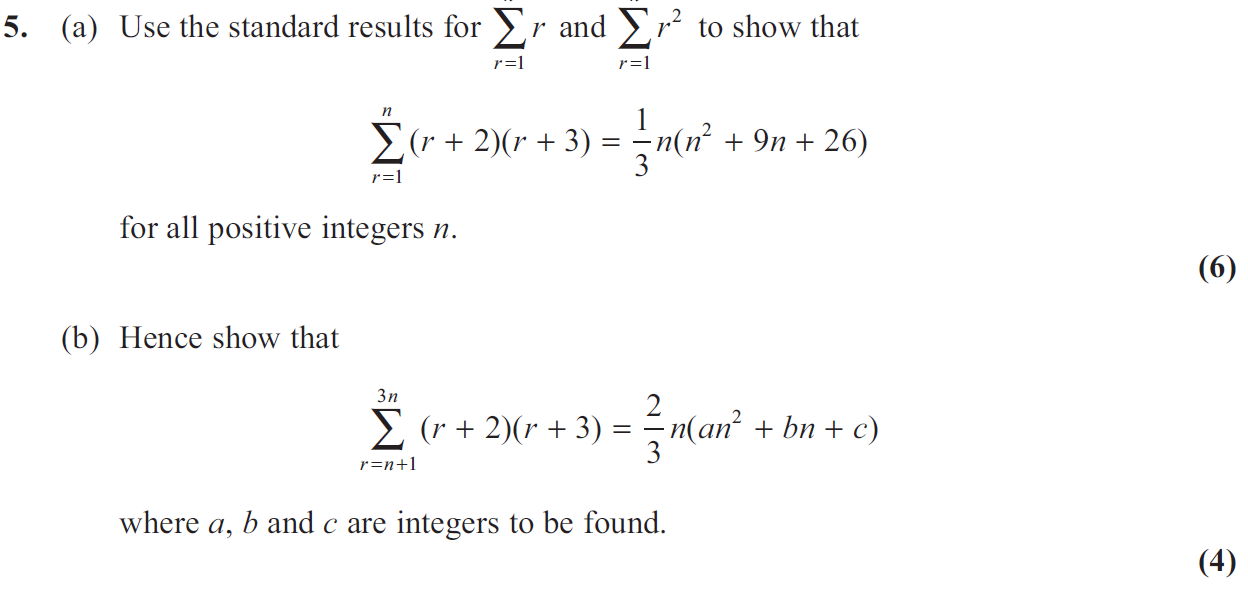
(b) Verify that the result is true for and .

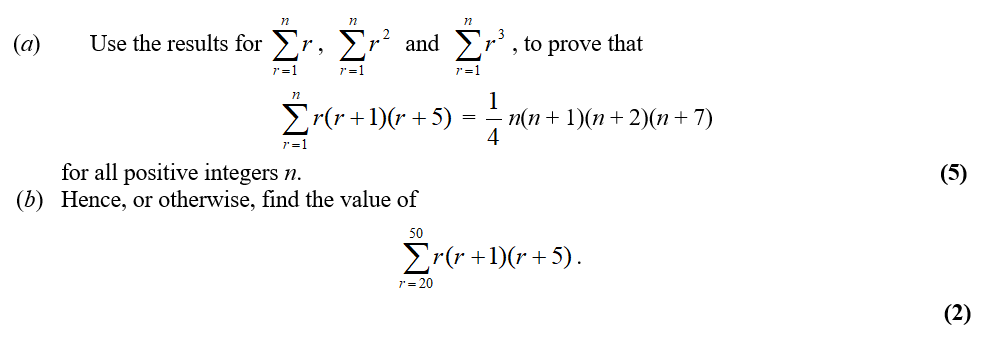
Example:

Find the sum of the following series

and hence evaluate

Test Your Understanding



2. 

Extension: Given that is even, determine

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