

Σ - Sigma notation.

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Select RUN mode from the main menu by using the arrow keys to highlight the RUN icon or pressing 1.



To bring up the Σ key, the sequence of key presses is:



OPTN



F6



F6

and then F3 for

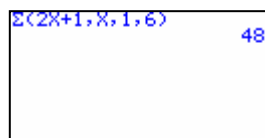


You **MUST** always input the Σ notation on the calculator as:

Σ expression, letter of the variable, lower bound, upper bound

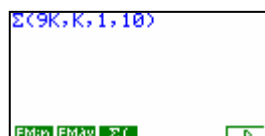
E.g. $\sum(2x+1, x, 1, 6) = 3+5+7+9+11+13 = 48$

You are able to use any letter of the alphabet as the 'dummy' variable in the Σ expression.

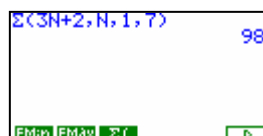


Examples:

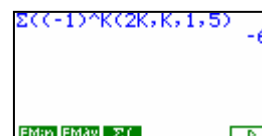
(a) $\sum_{k=1}^{10} 9k =$



(b) $\sum_{n=1}^7 3n + 2 =$



(c) $\sum_{k=1}^5 (-1)^k (2k) =$



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