TI-Nspire™ Software Script

Using mathematical templates (Tutorial E1)

http://www.atomiclearning.com/k12/en/movie/86420/play_window?type=Tutorial&sid=2421

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You can use templates within the calculator to quickly
evaluate different types of functions. To do this, I'll

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insert the Calculator application into a new blank page
by clicking Insert, and then choosing Calculator. Next,

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I'll right click, and from the menu I'll choose Math Templates.
This opens the Template palette. In this case, I'd like

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to evaluate a sum, so I'll roll over the sum template in
the palette, and double-click. I need to evaluate the sum

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of $n^2/3$ when n ranges from 1 to 5. The sum template shows
dashed boxes where my values and expressions go, and follows

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the traditional written format for a sum, so I'll enter
my values by clicking on each dashed box and entering the

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appropriate value or expression. I'll enter my index variable,
n, and then I'll click on the next box. Now, I'll enter

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the lower bound of 1, followed by my expression in parentheses,
$n^2/3$, and then I'll click on the upper bound and enter 5.

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Now, I can press the Enter key to return a value for
the sum as 55/3. To approximate this value as a decimal,

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in the Document Tools, I'll click on Number and then choose
the top option, Convert to Decimal, and then I'll press

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Enter to see the fraction 55/3 approximated as 18.3 repeating.
You can also use Math Templates in other applications by

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accessing them from Utilities found in the Document Toolbox.
I'll click on Utilities, and then click to show the Math

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Templates. On the left side, I can see the same math templates, and
I can double click on one to add it to any other application.

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