

Using mathematical templates (Tutorial E1)

http://www.atomiclearning.com/k12/en/movie/27961/play_window?type=Tutorial&sid=1670

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

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then choose Calculator. Next, press the Ctrl key, and then the multiplication key to open the Template palette, and choose the

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appropriate template using the NavPad. In this case, I'd like to evaluate a sum, so I'll highlight the sum template in the palette,

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and then press Enter. I need to evaluate the sum of $n^2/3$ when n ranges from 1 to 5. The sum template shows dashed boxes where

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my values and expressions go, and follows the traditional written format for a sum, so I'll enter my values by using the NavPad

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to place the insertion point in each dashed box and entering the appropriate value or expression. I'll enter my index variable,

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n , and then I'll press the right arrow key to move to the next box. Now, I'll enter the lower bound of 1, and then I'll press

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the up arrow key twice, and enter the upper bound of 5. Next, I'll press the down arrow key and enter my expression in the parentheses

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$n^2/3$. Now, I can press the Enter key to return a value for the sum as $55/3$. To approximate this value as a decimal, I'll press

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Ctrl and then Enter to see the fraction $55/3$ approximated as 18.3 repeating.

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