



# Increment Variable

## Created by:

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## Description:

This custom variable feature creates a variable that can be incremented if used in feature patterns that are set to 'reapply features'

## Prerequisites:

Only useful if used in a feature pattern with 'reapply features'

## Notes:

1. It allows for linear increments with the + operator and non-linear increments using the \* operator.
2. for subtraction, please use the + operator with a negative increment
3. for divisions, please use the \* operator with 1/x as an increment value
4. The series created by the pattern is displayed in the "Description" column of the Variable table

Choose variable type


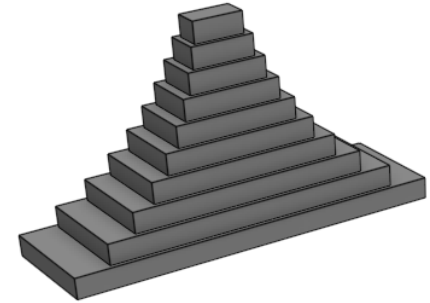
Name of the variable

Control method

Specify the increment

Specify operator (+ or \*)

(x) #Height = 10 mm  
(x) #Length = 25 mm  
(x) #Width = 12.5 mm  
> Create first instance (4)  
Linear pattern 1



| Test increment variables |               |             |  |  |
|--------------------------|---------------|-------------|--|--|
| Name                     | Variable type | Value       | Description  |  |
| Height                   | Length        | 10 mm       | test   |  |
| Length                   | Unspecified   | 186.265 ... | Series: 25, 31.25, 39.063, 48.828, 61.035, 76.294, 95.367, 119.209, 149... |  |
| Width                    | Unspecified   | 57.5 mm     | Series: 12.5, 17.5, 22.5, 27.5, 32.5, 37.5, 42.5, 47.5, 52.5, 57.5.        |  |