

Mathcad Professional - [math assignmnt 15th]

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Variables Times New Roman 10

MATLAB R2018a

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C:\Users\me\Documents\MATLAB

Editor - C:\Users\me\Documents\MATLAB\andrew_home.m

atthehouse.m homework3.m andrew_home.m

```

1 - commandwindow
2 - clear
3 - clc
4 - a=[1 4 7;2 5 8;3 6 9];
5 - b=[10 13 16;11 14 17;12 15 18];
6 - x=[a,b]
7 - y=[a;b]
8
9

```

Command Window

Workspace

New to MATLAB? See resources for [Getting Started](#).

1	4	7	10	13	16
2	5	8	11	14	17
3	6	9	12	15	18

y =

1	4	7
2	5	8
3	6	9
10	13	16
11	14	17
12	15	18

Math

Greek

Calc

Boolean

$$a = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix}$$

$$b = \begin{pmatrix} 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

$x = \text{augment}(a, b)$

$y = \text{stack}(a, b)$

$$y = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \\ 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

$$x = \begin{pmatrix} 1 & 4 & 7 & 10 & 13 & 16 \\ 2 & 5 & 8 & 11 & 14 & 17 \\ 3 & 6 & 9 & 12 & 15 & 18 \end{pmatrix}$$

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