

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

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

$$X := \begin{pmatrix} A \\ B \end{pmatrix} \quad Y := (A \ B)$$

$$X = \begin{pmatrix} \{3,3\} \\ \{3,3\} \end{pmatrix}$$

$$Y = (\{3,3\} \ \{3,3\})$$

```
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 - Y = [A; B]
7 - Z = [A B]
8
```

Command Window

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

A =

```
1     4     7
2     5     8
3     6     9
```

B =

```
10    13    16
11    14    17
12    15    18
```

Editor - C:\Users\hp\Documents\MATLAB\tobi.m

tobi3.m x tobi4.m x tobi.m x +

```
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 - Y = [A; B]
7 - Z = [A B]
8
```

Command Window

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Y =

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

Z =

| | | | | | |
|---|---|---|----|----|----|
| 1 | 4 | 7 | 10 | 13 | 16 |
|---|---|---|----|----|----|

```
6 - Y = [A; B]
7 - Z = [A B]
8
```

Command Window

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

```
2     5     8
3     6     9
10    13    16
11    14    17
12    15    18
```

Z =

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

A >>

