



Determine the dimensions of a matrix

1 Identify the dimensions of this matrix

$$\begin{bmatrix} 2 & 3 & 6 & 2 & 8 & 7 \\ 7 & 0 & 4 & 8 & 4 & 4 \\ 3 & 7 & 4 & 3 & 7 & 4 \end{bmatrix}$$

A	3×4	B	1×4
C	3×6	D	4×8
E	1×5	F	3×5

2 Identify the dimensions of this matrix

$$\begin{bmatrix} 5 & 4 & 5 & 6 & 2 & 2 \\ 1 & 4 & 8 & 4 & 4 & 6 \\ 6 & 0 & 9 & 4 & 2 & 9 \\ 7 & 2 & 2 & 9 & 3 & 2 \\ 7 & 8 & 3 & 7 & 2 & 3 \end{bmatrix}$$

A	6×4	B	5×8
C	6×8	D	6×5
E	5×6	F	7×5

3 Identify the dimensions of this matrix

$$[3]$$

A	2×1	B	1×0
C	0×0	D	1×1
E	3×1	F	2×3

4 Identify the dimensions of this matrix

$$\begin{bmatrix} 0 & 3 & 4 & 6 & 3 \\ 8 & 1 & 7 & 7 & 1 \\ 4 & 1 & 6 & 3 & 8 \\ 7 & 1 & 4 & 2 & 8 \\ 9 & 3 & 6 & 5 & 0 \\ 9 & 6 & 5 & 9 & 9 \end{bmatrix}$$

A	7×3	B	8×5
C	8×4	D	4×5
E	8×7	F	6×5

5 Identify the dimensions of this matrix

$$\begin{bmatrix} 7 & 1 & 0 \\ 5 & 0 & 5 \end{bmatrix}$$

A	4×5	B	2×5
C	4×4	D	1×5
E	2×3	F	4×2

6 Identify the dimensions of this matrix

$$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$$

A	4×0	B	4×1
C	1×2	D	2×1
E	2×3	F	4×3

7 Identify the dimensions of this matrix

$$\begin{bmatrix} 0 & 0 & 2 & 7 & 7 & 1 \\ 1 & 7 & 5 & 5 & 5 & 3 \\ 8 & 0 & 1 & 2 & 9 & 0 \\ 4 & 0 & 0 & 5 & 5 & 3 \end{bmatrix}$$

A	4×6	B	6×6
C	5×8	D	3×5
E	4×8	F	3×7

8 Identify the dimensions of this matrix

$$\begin{bmatrix} 6 & 6 & 2 & 7 & 2 & 8 \\ 4 & 4 & 6 & 8 & 7 & 8 \\ 0 & 4 & 0 & 8 & 4 & 2 \\ 7 & 6 & 5 & 4 & 0 & 8 \\ 1 & 1 & 6 & 5 & 3 & 3 \\ 3 & 2 & 8 & 9 & 7 & 4 \end{bmatrix}$$

A	8×4	B	5×6
C	6×6	D	4×5
E	6×5	F	8×6