



Math worksheet on 'Matrices - Identify Dimensions (Level 1)'. Part of a broader unit on 'Matrices'

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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

b

c

d

e

f

3×7

6×3

1×4

3×5

3×6

4×6

2

Identify the dimensions of this matrix

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

a

b

c

1×0

0×0

1×1

d

e

f

0×2

2×2

1×2

3

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

6×8

b

5×6

c

8×6

d

6×6

e

4×8

f

5×5

4

Identify the dimensions of this matrix

$$\begin{bmatrix} 6 & 2 & 3 & 6 \end{bmatrix}$$

a

b

c

d

e

f

0×6

2×5

2×4

1×4

0×5

2×3

5

Identify the dimensions of this matrix

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

a

1×5

b

4×3

c

3×2

d

2×5

e

3×3

f

3×4

6

Identify the dimensions of this matrix

$$\begin{bmatrix} 3 \end{bmatrix}$$

a

b

c

1×1

0×1

2×1

d

e

f

2×3

0×2

1×0

7

Identify the dimensions of this matrix

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

a

6×3

b

3×4

c

5×3

d

4×4

e

7×1

f

3×5