



Interpret matrix notation for individual elements

1 Which entry does this row-column notation describe?

$$a_{3,7}$$

A

Row 7, Column 3

B

Row 3, Column 7

2 Which row-column notation describes the entry with this value?

$$\begin{bmatrix} 4 \\ 11 \\ 80 \\ 46 \\ 84 \end{bmatrix}$$

value = 80

A

$$a_{4,1}$$

B

$$a_{1,1}$$

C

$$a_{2,1}$$

D

$$a_{3,1}$$

3 Which row-column notation describes this entry?

Column 5, Row 1

A

$$a_{1,5}$$

B

$$a_{5,1}$$

4 Which row-column notation describes the highlighted entry?

A

$$a_{1,2}$$

B

$$a_{3,3}$$

C

$$a_{2,1}$$

D

$$a_{4,1}$$

5 This matrix shows the tickets sold of 3 movies at 2 cinemas. What is the tickets sold of movie 2 at cinema 1?

$$\begin{bmatrix} 74 & 70 & 69 \\ 27 & 96 & 66 \end{bmatrix}$$

A

70

B

27

6 Use the row-column notation to find the value of the entry.

$$\begin{bmatrix} 34 & 73 & 6 \\ 91 & 15 & 89 \\ 8 & 25 & 51 \\ 40 & 76 & 38 \\ 72 & 58 & 68 \\ 81 & 11 & 13 \end{bmatrix}$$

 $a_{3,3} = ?$

A

25

B

51

C

91

D

72

7 Which matrix has the entry with this row-column notation highlighted?

$$a_{3,1}$$

8 Use the row-column notation to find the value of the entry.

$$\begin{bmatrix} 44 & 12 & 35 \\ 19 & 68 & 81 \\ 48 & 51 & 33 \\ 15 & 42 & 92 \\ 52 & 57 & 11 \\ 28 & 37 & 41 \end{bmatrix}$$

 $a_{1,2} = ?$

A

19

B

52

C

12

D

81