

Matrices

Name: _____

Date: _____

Find the position of specific entry in a matrix

1)

$$A = \begin{bmatrix} -4 & 5 & -7 & 12 & -1 & 2 \\ 8 & 15 & -3 & 6 & 17 & 19 \\ 18 & -9 & 11 & -5 & 0 & 9 \\ 3 & -6 & 0 & -8 & 10 & 4 \\ 16 & 7 & -2 & 14 & 1 & 13 \end{bmatrix}$$

1) $a_{54} =$ _____

2) $a_{33} =$ _____

3) $a_{25} =$ _____

4) $a_{32} =$ _____

5) $a_{43} =$ _____

6) $a_{16} =$ _____

7) $a_{41} =$ _____

8) $a_{26} =$ _____

9) $a_{53} =$ _____

2)

$$B = \begin{bmatrix} -3 & 7 & -8 & -5 & 13 & 2 \\ 10 & 16 & 4 & 17 & 0 & 15 \\ 8 & -1 & 12 & 19 & 9 & -4 \\ 3 & 14 & 7 & 1 & -7 & 6 \\ -6 & 5 & -9 & 18 & -2 & 11 \end{bmatrix}$$

1) $b_{24} =$ _____

2) $b_{55} =$ _____

3) $b_{32} =$ _____

4) $b_{46} =$ _____

5) $b_{13} =$ _____

6) $b_{23} =$ _____

7) $b_{52} =$ _____

8) $b_{34} =$ _____

9) $b_{15} =$ _____

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2) $a_{33} = \underline{\quad 11 \quad}$

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5) $a_{43} = \underline{\quad 0 \quad}$

6) $a_{16} = \underline{\quad 2 \quad}$

7) $a_{41} = \underline{\quad 3 \quad}$

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2)

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