

Matrices

Name: _____

Date: _____

Find the position of specific entry in a matrix

1)

$$A = \begin{bmatrix} -5 & 0 \\ 91 & -75 \\ -56 & -19 \\ 22 & 83 \\ -37 & 6 \end{bmatrix}$$

1) $a_{42} =$ _____

2) $a_{31} =$ _____

3) $a_{22} =$ _____

4) $a_{32} =$ _____

5) $a_{41} =$ _____

6) $a_{52} =$ _____

7) $a_{51} =$ _____

8) $a_{12} =$ _____

9) $a_{21} =$ _____

2)

$$B = \begin{bmatrix} -28 & 9 & 14 & -81 & -3 & 34 & 99 & -53 \\ -2 & 73 & -56 & 0 & -67 & 12 & 38 & 45 \end{bmatrix}$$

1) $b_{22} =$ _____

2) $b_{15} =$ _____

3) $b_{26} =$ _____

4) $b_{17} =$ _____

5) $b_{11} =$ _____

6) $b_{23} =$ _____

7) $b_{24} =$ _____

8) $b_{28} =$ _____

9) $b_{13} =$ _____

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7) $b_{24} =$ 0

8) $b_{28} =$ 45

9) $b_{13} =$ 14