Matrices

Name:_____   Date:_____

Find the position of specific entry in a matrix

1)

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

1) a_{21} = _____

2) a_{34} = _____

3) a_{23} = _____

4) a_{44} = _____

5) a_{22} = _____

6) a_{42} = _____

7) a_{13} = _____

8) a_{24} = _____

9) a_{43} = _____

2)

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

1) b_{24} = _____

2) b_{11} = _____

3) b_{15} = _____

4) b_{12} = _____

5) b_{14} = _____

6) b_{22} = _____

7) b_{23} = _____

8) b_{13} = _____

9) b_{25} = _____

Name:_____

Date:_____

Find the position of specific entry in a matrix

1)

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

1) a_{21} = ____0____

2) a_{34} = ____9____

3) a_{23} = ____1____

4) a_{44} = ____5____

5) a_{22} = ____6____

6) a_{42} = ____3____

7) a_{13} = ____8____

8) a_{24} = ____4____

9) a_{43} = ____0____

2)

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

1) b_{24} = ____2____

2) b_{11} = ____7____

3) b_{15} = ____1____

4) b_{12} = ____3____

5) b_{14} = ____8____

6) b_{22} = ____9____

7) b_{23} = ____0____

8) b_{13} = ____5____

9) b_{25} = ____6____