



1 Identify what type this matrix is

$$\begin{bmatrix} 3 \\ 6 \\ 0 \\ 9 \\ 3 \end{bmatrix}$$

- A Row
- B Lower Triangular
- C Column
- D Identity
- E Zero
- F Diagonal

2 Identify what type this matrix is

$$\begin{bmatrix} 8 & 7 & 4 & 4 \\ 0 & 9 & 8 & 6 \\ 0 & 0 & 8 & 3 \\ 0 & 0 & 0 & 6 \end{bmatrix}$$

- A Diagonal
- B Lower Triangular
- C Column
- D Zero
- E Identity
- F Upper Triangular

3 Identify what type this matrix is

$$\begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

- A Diagonal
- B Column
- C Identity
- D Row
- E Zero
- F Upper Triangular

4 Identify what type this matrix is

$$\begin{bmatrix} 1 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

- A Identity
- B Column
- C Upper Triangular
- D Lower Triangular
- E Row
- F Zero

5 Identify what type this matrix is

$$\begin{bmatrix} 1 & 2 & 5 \\ 0 & 6 & 1 \\ 0 & 0 & 2 \end{bmatrix}$$

- A Upper Triangular
- B Zero
- C Lower Triangular
- D Column
- E Row
- F Diagonal

6 Identify what type this matrix is

$$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

- A Identity
- B Lower Triangular
- C Row
- D Zero
- E Upper Triangular
- F Column

7 Identify what type this matrix is

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

- A Zero
- B Diagonal
- C Identity
- D Lower Triangular
- E Row
- F Column

8 Identify what type this matrix is

$$\begin{bmatrix} 9 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 6 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 5 \end{bmatrix}$$

- A Column
- B Zero
- C Identity
- D Diagonal
- E Lower Triangular
- F Upper Triangular