(Academic support)

1) $\begin{bmatrix} 1 \end{bmatrix}$

This matrix has____ row and ____ columns.
The dimension of the matrix is ____ × ____.

2) $\begin{bmatrix} 1 & 2 & 3 & 4 \end{bmatrix}$

This matrix has____ row and ____ columns.
The dimension of the matrix is ____ × ____.

3) $\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \end{bmatrix}$

This matrix has____ row and ____ columns.
The dimension of the matrix is ____ × ____.

4) $\begin{bmatrix} 1 & 2 \\ 3 & 4 \\ 5 & 6 \end{bmatrix}$

This matrix has____ row and ____ columns.
The dimension of the matrix is ____ × ____.

5) $\begin{bmatrix} 1 \\ 2 \\ 3 \\ 4 \end{bmatrix}$

This matrix has____ row and ____ columns.
The dimension of the matrix is ____ × ____.

6) $\begin{bmatrix} 1 & 5 & 9 \\ 2 & 6 & 10 \\ 3 & 7 & 11 \\ 4 & 8 & 12 \end{bmatrix}$

This matrix has____ row and ____ columns.
The dimension of the matrix is ____ × ____.