
Exercise 1 *Select all pairs of orthogonal vectors.*

Select All Correct Answers:

1. $\begin{bmatrix} 1 \\ -3 \end{bmatrix}, \begin{bmatrix} -3 \\ 1 \end{bmatrix}$

2. $\begin{bmatrix} 2 \\ 3 \end{bmatrix}, \begin{bmatrix} -6 \\ 4 \end{bmatrix}$

3. $\begin{bmatrix} 1 \\ 2 \\ -1 \end{bmatrix}, \begin{bmatrix} 4 \\ -2 \\ 0 \end{bmatrix}$

4. $\begin{bmatrix} -1 \\ 3 \\ -2 \\ 5 \end{bmatrix}, \begin{bmatrix} 2 \\ 1 \\ -2 \\ -1 \end{bmatrix}$