

Adición y sustracción de vectores.

1) Sean los vectores: $\vec{A} = (4; 5)$

$$\vec{B} = (7; -3)$$

$$\vec{C} = (-2; 6)$$

$$\vec{D} = (0; -6)$$

$$\vec{E} = (5; -1)$$

Hallar:

$$1) \vec{A} + \vec{B} = (\underline{\quad}; \underline{\quad}) + (\underline{\quad}; \underline{\quad}) = (\underline{\quad}; \underline{\quad})$$

$$2) \vec{C} + \vec{D} = (\underline{\quad}; \underline{\quad}) + (\underline{\quad}; \underline{\quad}) = (\underline{\quad}; \underline{\quad})$$

3) $\vec{E} + \vec{A} = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) + (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}})$

4) $\overrightarrow{D} + \overrightarrow{E} = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) + (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}})$

Luego:

5) $\vec{A} - \vec{B} = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) - (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}})$

6) $\vec{C} - \vec{D} = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) - (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}})$

7) $\vec{E} - \vec{A} = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) - (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}})$

8) $\overrightarrow{D} - \overrightarrow{E} = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) - (\underline{\hspace{1cm}}; \underline{\hspace{1cm}}) = (\underline{\hspace{1cm}}; \underline{\hspace{1cm}})$