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Mathematics - Statistics

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Mathematics

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Question 1:

If a and b are two non-zero and non-collinear vectors, then a + b and a - b are.

A) Linearly dependent vectors

B) Linearly dependent and independent vectors

C) Linearly independent vectors

D) All of the above

[ANSWER] Answer & Explanation:

Option C is the right answer.

Question 2:

The system of vectors i, j, k is?

A) Orthogonal

B) Collinear

C) Coplanar

D) All of the above

[ANSWER] Answer & Explanation:

Option A is the right answer.

Question 3:

What should be added in vector to get its resultant a unit vector i.

A) -2i - 4j +2k

B) 2i + 4j +2k

C) -2i + 4j +2k

D) All of the above

[ANSWER] Answer & Explanation:

Option A is the right answer.

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