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Mathematics - Calculus

Generated on November 23, 2026 at 8:09 PM

Mathematics

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Question 1:

The point having position vectors 2i + 3j + 4k, 3i + 4j + 2k, 4i + 2j + 3k are the vertices of.

A) Right angled triangle

B) Equilateral triangle

C) Isosceles triangle

D) Collinear

[ANSWER] Answer & Explanation:

Option B is the right answer.

Question 2:

A zero vector has

A) Any direction

B) Many directions

C) No direction

D) All of the above

[ANSWER] Answer & Explanation:

Option A is the right answer.

Question 3:

If the vectors 6i - 2j +3k , 2i +3j -6k and 3i + 6j -2k form a triangle, then it is.

A) Right angled

B) Equilteral

C) Obtuse angled

D) Isosceles

[ANSWER] Answer & Explanation:

Option C is the right answer.

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