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Mathematics - Probability

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Mathematics

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Question 1:

The figure formed by the four points i + j - k, 2i + 3j, 3i + 5j -2k and k - j is.

A) Rectangle

B) Trapezium

C) Parallelogram

D) All of the above

[ANSWER] Answer & Explanation:

Option B is the right answer.

Question 2:

If the position vectors of the vertices of a triangle be 6i + 4j + 5k, 4i + 5j + 6k and 5i + 6j + 4k then the triangle is?

A) Right angled

B) Equilateral

C) Isosceles

D) All of the above

[ANSWER] Answer & Explanation:

Option B is the right answer.

Question 3:

The position vectors of two points A and B are i + j - k and 2i - j + k respectively. Then |AB| = .

A) 2

B) 3

C) 4

D) 5

[ANSWER] Answer & Explanation:

Option B is the right answer.

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