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| Division | 11 |
| Subject | Maths |
| Chapter |  |
| Category | Very Easy |
| No of mcq | 5 |
| Author | Auto Scrapper |

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| Find the distance between two points (5, 6, 7) and (2, 6, 3). |
| 3 units |
| 0 units |
| 4 units |
| 5 units |
| 4 |
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| We know, distance between two points (x1, y1, z1) and (x2, y2, z2) is  . So, distance between two points (5, 6, 7) and (2, 6, 3) will be |
| Three Dimensional Geometry – Distance between Two Points |

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| The three points A (1, 2, 3), B (3, 1, 2), C (2, 3, 1) form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| equilateral triangle |
| right angled triangle |
| isosceles triangle |
| right angled isosceles triangle |
| 1 |
|  |
| We know, distance between two points and is  Distance  Distance  Distance  Since so, it forms equilateral triangle. |
| Three Dimensional Geometry – Distance between Two Points |

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| The three points A (3, 0, 3), B (5, 3, 2), C (6, 5, 5) form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| equilateral triangle |
| right angled triangle |
| isosceles triangle |
| right angled isosceles triangle |
| 3 |
|  |
| We know, distance between two points and is .  Distance  Distance    Since so, it forms isosceles triangle. |
| Three Dimensional Geometry – Distance between Two Points |

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| The three points A (7, 0, 10), B (6, -1, 6), C (9, -4, 6) form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| equilateral triangle |
| right angled triangle |
| isosceles triangle |
| right angled isosceles triangle |
| 4 |
|  |
| We know, distance between two points and is  Distance  Distance  Distance  Since and so, it forms right angled isosceles triangle. |
| Three Dimensional Geometry – Distance between Two Points |

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| The points A (1, 2, -1), B (5, -2, 1), C (8, -7, 4), D (4, -3, 2) form\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| trapezium |
| rhombus |
| square |
| parallelogram |
| 4 |
|  |
| We know, distance between two points and is . Distance  Distance  Distance  Distance  Since and i.e. opposite two sides are equal so, it is a parallelogram. |
| Three Dimensional Geometry – Distance between Two Points |