**ANSWERS**

**1. Complete the following statements.**

|  |  |
| --- | --- |
| **a.** | If two line segments have same lengths, they are congruent line segments. |
| **b.** | The midpoint of a segment divides the segment into two congruent segments. |
| **c.** | A segment partition is a point, line or a line segment that partitions the line segment in a particular ratio. |

**2. Which of the following statements is correct?**

|  |  |  |
| --- | --- | --- |
| **a.** | If three points**, ,** andare collinear andis betweenand**,** then the distance of is the sum of distanceand **.** | **T** |
| **b.** | If the coordinates of points and are and , then the distance between and is or | **F** |
| **c.** | If the coordinates of points and are and , then the coordinate of midpoint = | **F** |

**Multiple Choice**

**3. A line segment has \_\_\_\_\_\_\_\_ end points.**

|  |  |  |
| --- | --- | --- |
| **a.** | Two |  |
| **b.** | One |  |
| **c.** | Zero |  |
| **d.** | None of these |  |

**4**. **What does the symbol represent?**

|  |  |  |
| --- | --- | --- |
| **a.** | Space |  |
| **b.** | Ray |  |
| **c.** | Line segment |  |
| **d.** | Line |  |

**5. What does the symbol represent?**

|  |  |  |
| --- | --- | --- |
| **a.** | Line segment |  |
| **b.** | Ray |  |
| **c.** | Line |  |
| **d.** | Space |  |