**Part A Instructions:** Choose the option that completes the sentence or answers the question.

1. **A Line segment has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ fixed end points.**
   1. 3
   2. 1
   3. 2
   4. 4
2. **A segment that has been divided into two segments with lengths m and n respectively, have a segment partition ratio?**
   1. m
   2. n
   3. m : n
   4. m + n : m - n

1. **A segment bisector bisects the line segment into \_\_\_\_\_\_\_\_\_\_\_ equal parts:**
   1. 1
   2. 2
   3. 3
   4. 4

1. **Which of the following is correct about the line segments?**
   1. A line segment has both ends extending without ending.
   2. A line segment has no end points.
   3. Two line segments are congruent if they have same lengths.
   4. None of these.

**Part B Instructions:** Find the unknown variable.

1. **What will be the value of x if AE = 40?**

**35 x**

**2xLL**

**ELL**

**DLL**

**ALL**

**Answers: Part A Instructions:** Choose the option that completes the sentence or answers the question.

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   1. A line segment has both ends extending without ending.
   2. A line segment has no end points.
   3. Two line segments are congruent if they have same lengths.
   4. None of these.

**Part B Instructions:** Find the unknown variable.

1. **What will be the value of x if AE = 40?**

**x = 2**

**36 x**

**2xLL**

**ELL**

**DLL**

**ALL**