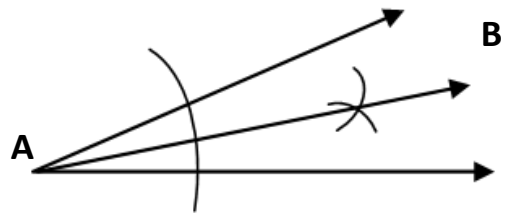# Constructions Guided Notes

1. An angle bisector is a line that divides an angle into _____ equal parts.

   To draw an angle bisector, the first step is to draw arcs on the two _____ of the angle.
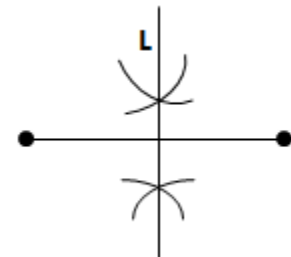
   The ray AB in this figure is _____.

2. A _____ divides a line segment into two equal parts.

   The segment bisector always passes through the _____ of the line segment.

   The line **L** intersecting the two arcs is _____.

3. The perpendicular on a line from a point (not on the line) always intersects the line at _____ degrees.

   To draw a perpendicular on a line from a point, _____ arcs are drawn from the point, which intersect the line.

   The line L is _____ to the line K.

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