

## Unit: 1. INTRODUCTION

### VOCABULARY

|               |   |
|---------------|---|
| betweenness   | A condition of one point being between two other points on a line.  |
| bisector      | A line or segment that intersects a segment at its midpoint.  |
| collinear     | Occurring on the same line.   |
| coplanar      | Occurring on the same plane.  |
| geometry      | From the Greek for "earth measure."   |
| line segment  | The set of two points and all points between.   |
| midpoint      | A point that divides a segment into two equal segments.   |
| opposite rays | $\overrightarrow{BA}$ and $\overrightarrow{BC}$ are opposite rays if $A$ , $B$ , and $C$ are collinear and $B$ (the endpoint of both rays) is between $A$ and $C$ . |
| postulate     | A statement accepted without proof.   |
| ray           | A ray, $\overrightarrow{AB}$ , is the set of all points from point $A$ infinitely in the direction of point $B$ .   |
| space         | The set of all possible points.   |