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| **Term** | **Diagram** | **Symbolic Notation** | **Definition** |
| Point |  | Point *A* | * Names a location and has no size. * Often represented by a dot. * The intersection of two lines. |
| Line |  | or  Line *k* | * A straight path that has no thickness and extends forever. * The intersection of two planes. |
| Plane |  | Plane *Q*  Plane *EDF* | * A flat surface that has no thickness and extends forever. |
| Line Segment |  | or | * Part of a line consisting of two points and all points between them. |
| Endpoint |  | Point *P* | * A point at one end of a segment, or the starting point of a ray. |
| Ray |  | or | * A part of a line that starts at an endpoint and extends forever in one direction. |
| Parallel Lines |  |  | * Lines in the same plane that do not intersect. |
| Perpendicular Lines |  |  | * Lines that intersect at right angles (90 degrees). |