**Geometry Dictionary**

*Mathematics is a language of its own. If you want to communicate your ideas, you will need the appropriate vocabulary to do so. We will build this dictionary throughout the course.*

**Chapter 1 – Tools of Geometry**

Inductive Reasoning–

Conjecture –

Counterexample –

Postulate or Axiom –

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Definition** | **Picture** | **Label** |
| Point | A point is a location. It has no size. | .  P | .  P |
| Line | A series of points that extends in two opposite directions without end.  |  | $$\overleftrightarrow{AB}$$ |
| Plane |  |  |  |
| **Name** | **Definition** | **Picture** | **Label** |
| Collinear |  |  |  |
| Coplanar |  |  |  |
| Segment |  |  |  |
| Ray |  |  |  |
| Opposite Rays |  |  |  |
| Parallel Lines |  |  |  |
| Skew Lines |  |  |  |
| Parallel Planes |  |  |  |
| Congruent |   |  |  |
| **Name** | **Definition** | **Picture** | **Label** |
| Midpoint |  |  |  |
| Angle |  |  |  |
| Acute Angle |  |  |  |
| Right Angle |  |  |  |
| Obtuse Angle |  |  |  |
| Straight Angle |  |  |  |
| Perpendicular Lines |  |  |  |
| Bisector |  |  |  |
| Perpendicular Bisector |  |  |  |