<name>
Class: Honors Geometry
Date: <date>
Topic: Lesson 1-3 (Segments, Rays, Parallel Lines and Planes)

Segment	2 pts & all pts btwn on line containing them Has no length, but no thickness Named by the 2 endpoints w/bar over the top: $\overline{AB}$
Ray	The part of a line starting at a pt going in 1 direction forever Named by endpoint & 1 other pt on the ray: $\overrightarrow{AB}$ Has direction: $\overrightarrow{AB} \neq \overrightarrow{BA}$ Rays $\overrightarrow{AB}$ and $\overrightarrow{BA}$. overlap because they do not share endpoints. <any diagrams that are helpful>
Opposite rays	2 collinear rays with the **same** endpoint Always form a line
Parallel lines	**_Coplanar_** lines that do not intersect Represented by the symbol $\parallel$ $$\overleftrightarrow{AB} \parallel \overleftrightarrow{FG}$$ <any diagrams that are helpful>
Skew lines	**_Noncoplanar_** lines that do not intersect No symbol for this <any diagrams that are helpful>
Reminder	Practice (as needed) drawing 3-D geometric shapes **Very** important skill to visualize them
Parallel planes	Planes that do not intersect If **not** parallel, they **will** intersect… We draw planes with sides **but they really go on forever!**