
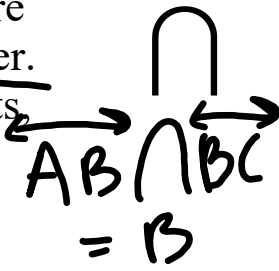

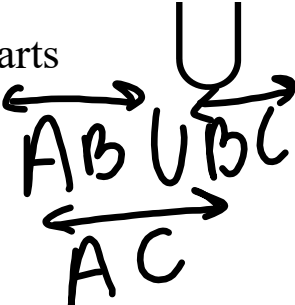


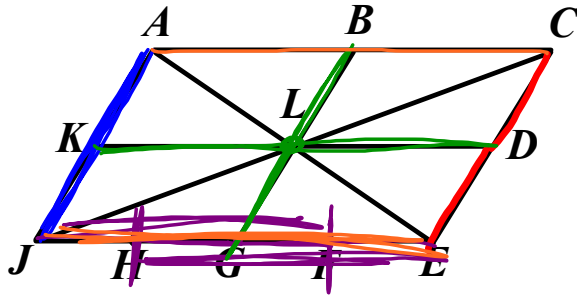
1.1- Union and Intersection

You Name
Mrs. Theo
9/1/21
Notes

Lesson Objectives

- Name points, lines, and planes
- Name segments and rays
- Sketch intersections of lines and planes
- Solve real-life problems involving lines and planes

Term	Definition	Symbol
<p>Intersection</p> 	<p>The point or collection of points where two geometric "parts" <u>touch each other</u>. These "parts" include points, segments, rays, lines, and planes, among other things.</p>	
<p>Union</p> 	<p>The geometric shapes formed by combining two or more geometric parts together.</p>	



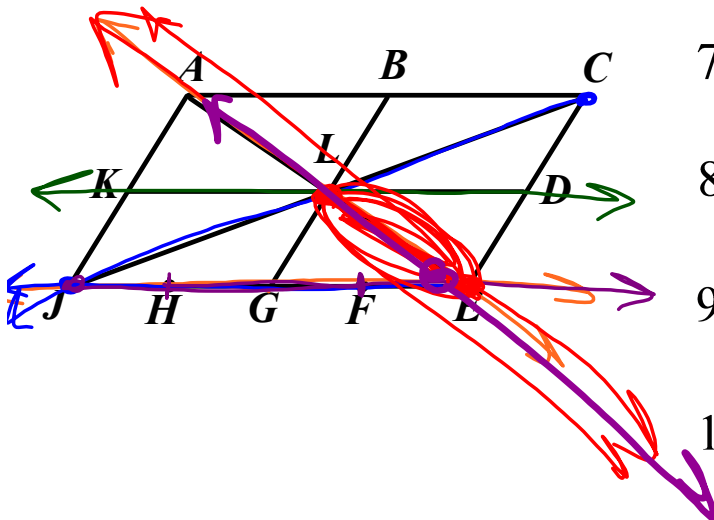
1.) $\overline{CD} \cap \overline{DE} = D$
Intersection

2.) $\overline{AK} \cup \overline{KJ} = \overline{AJ}$
Union

3.) $\overline{JF} \cap \overline{HE} = \overline{HF}$

4.) $\overline{BG} \cap \overline{KD} = L$

5.) $\overline{AC} \cap \overline{JE} = \emptyset$
no overlap empty set



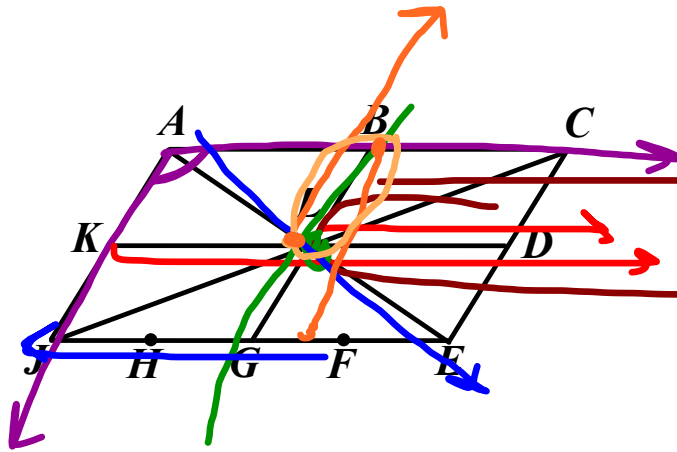
6.) $\overrightarrow{AL} \cap \overrightarrow{JG} = E$

7.) $\overrightarrow{CL} \cap \overrightarrow{EG} = J$

8.) $\overrightarrow{HF} \cup \overrightarrow{JE} = \overrightarrow{JE}$
Union

9.) $\overrightarrow{LK} \cup \overrightarrow{LD} = \overrightarrow{KD}$
Union

10.) $\overrightarrow{EA} \cap \overrightarrow{LE} = \overline{LE}$
intersection



$$11.) \overline{BG} \cap \overline{LB} = \overline{BL}$$

$$12.) \overline{AL} \cap \overline{FJ} = \emptyset$$

$$13.) \overline{LD} \cap \overline{KD} = \overline{LD}$$

$$14.) \overline{KD} \cap \overline{BG} = L$$

$$15.) \overline{AC} \cup \overline{AJ} = \angle CAJ$$

angle }
 ↑
 Point
 at angle
 in middle

1.1- Homework

1.1 Finish this notes page

Union and intersection: pg. 8 #1,2, 33, 34