## Vocabulary Sheet for Lesson 3-1: Definitions and Theorems

Definitions	Diagram/Notes
<u>Definition:</u> <b>Parallel Lines</b> - parallel lines (symbol    ) are two or more coplanar lines that do not intersect.	$ \stackrel{ \longleftarrow }{\longleftrightarrow } $
<u>Definition:</u> <b>Skew lines</b> – skew lines are noncoplanar lines that do not intersect	
<u>Definition:</u> <b>Parallel planes -</b> two or more planes that do not intersect	
<u>Theorem 3-1:</u> If two parallel planes are cut by a third plane, then the lines of intersection are parallel	
<u>Definition:</u> <b>Transversal</b> - a line that intersects two or more coplanar lines in different points.	ctronsuersa l
Example 1 Name the two lines and the transversal that form each pair of angles a) < 1 and < 2 b) < 2 and < 3 $B \xrightarrow{C} \frac{C}{4/2} \xrightarrow{D} \frac{D}{A}$	a) trons = ÁC L:MAS = BA II ÉE b) trons = ÉE L:MAS = ÁC IIED

