

### Lesson 3.1 Practice Sheet

Refer to the figure to identify each of the following.	
1. all segments parallel to $\overline{DM}$	
2. a plane parallel to plane $ACD$	
3. a segment skew to $\overline{BC}$	
4. all planes intersecting plane $EDM$	
5. a segment parallel to $\overline{EN}$	
6. a segment parallel to $\overline{AB}$ through point $J$	
7. a segment skew to $\overline{CL}$ through point $E$	

Identify the transversal connecting each pair of angles. Then classify the relationship between each pair of angles as <i>alternate interior</i> , <i>alternate exterior</i> , <i>corresponding</i> , or <i>consecutive interior</i> angles.		
9. $\angle 4$ and $\angle 9$	10. $\angle 5$ and $\angle 7$	
11. $\angle 3$ and $\angle 5$	12. $\angle 10$ and $\angle 11$	
13. $\angle 1$ and $\angle 6$	14. $\angle 6$ and $\angle 8$	
15. $\angle 2$ and $\angle 3$	16. $\angle 9$ and $\angle 10$	
16. $\angle 4$ and $\angle 11$	18. $\angle 7$ and $\angle 11$	

Describe the relationship between each pair of segments as <i>parallel</i> , <i>skew</i> , or <i>intersecting</i> .		
19. $\overline{FG}$ and $\overline{BC}$	20. $\overline{AB}$ and $\overline{CG}$	
21. $\overline{DH}$ and $\overline{HG}$	22. $\overline{DH}$ and $\overline{BF}$	
23. $\overline{EF}$ and $\overline{BC}$	24. $\overline{CD}$ and $\overline{AD}$	