

3.1 LINES and TRANSVERSALS DAY TWO CYU

Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

H Use when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

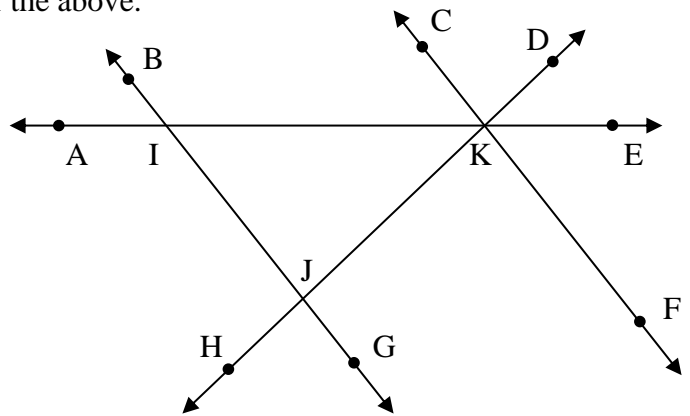
X Use when a question was attempted but wrong (get help)

N Use when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Identifying/Classifying Angles Pairs	9 - 13	1 - 8	14 - 20

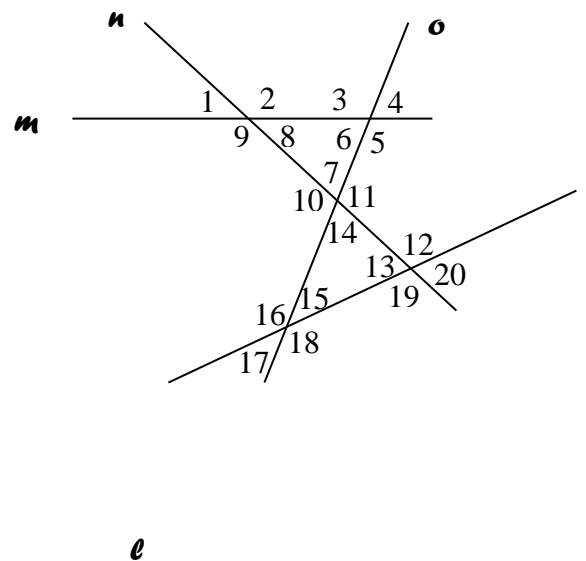
1 – 8: Classify each of the following pairs of angles as alternate interior, alternate exterior, same-side interior, same-side exterior, corresponding or none of the above.

- _____ 1. $\angle CKJ$ & $\angle IJK$
- _____ 2. $\angle DKF$ & $\angle DJG$
- _____ 3. $\angle BIK$ & $\angle BJK$
- _____ 4. $\angle DKE$ & $\angle DJG$
- _____ 5. $\angle BIA$ & $\angle KJG$
- _____ 6. $\angle EKF$ & $\angle CKI$
- _____ 7. $\angle CKD$ & $\angle HJB$
- _____ 8. $\angle HJG$ & $\angle CKE$



9 – 13: Identify the angle pair indicated and the transversal forming the angle pair. If no relation exists between the angles given, write “none”.

- 9. $\angle 9$ and $\angle 7$ _____
- 10. $\angle 2$ and $\angle 3$ _____
- 11. $\angle 4$ and $\angle 17$ _____
- 12. $\angle 13$ and $\angle 16$ _____
- 13. $\angle 8$ and $\angle 13$ _____



14 – 20: Classify each pair of angles as *alternate interior angles*, *alternate exterior angles*, *corresponding angles*, *same-side interior angles*, *same-side exterior angles*, or *None*.

_____ 14. $\angle 1$ & $\angle 3$

_____ 15. $\angle 6$ & $\angle 7$

_____ 16. $\angle 2$ & $\angle 7$

_____ 17. $\angle 10$ & $\angle 11$

_____ 18. $\angle 1$ & $\angle 8$

_____ 19. $\angle 4$ & $\angle 15$

_____ 20. $\angle 20$ & $\angle 5$

