NAME **Key**   Date _____ Pd __

3.1 LINES and TRANSVERSALS DAY TWO CYU

| 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.

_____SSIA_____ 1. ∠CKJ & ∠IJK

corresponding ∠'s 2. ∠DKF & ∠DJG

corresponding ∠'s 3. ∠BIK & ∠BJK

corresponding ∠'s 4. ∠DKE & ∠DJG

_____AEA_____ 5. ∠BIA & ∠KJG

none (vertical ∠) 6. ∠EKF & ∠CKI

_____SSEA_____ 7. ∠CKD & ∠HJB

_____none_____ 8. ∠HJG & ∠CKE
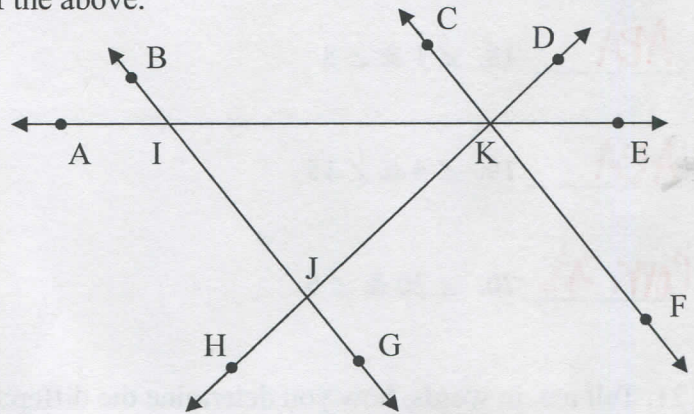
9 – 13: Identify the angle pair indicated and the transversal forming the angle pair. If no relation exists between the angles given, write "none".

9. ∠9 and ∠7 ___AIA; line n___

10. ∠2 and ∠3 ___SSIA   line m___

11. ∠4 and ∠17 ___AEA   line o___

12. ∠13 and ∠16 ___corresponding line l___

13. ∠8 and ∠13 ___AIA   line n___
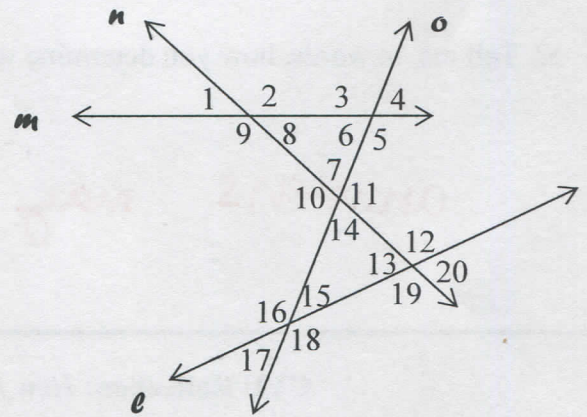
14 – 20: Classify each pair of angles as *alternate interior angles, alternate exterior angles, corresponding angles, same-side interior angles, same-side exterior angles,* or *None.*

__Corr. ∡'s__ 14. ∠1 & ∠3

__SSIA__ 15. ∠6 & ∠7

__AIA__ 16. ∠2 & ∠7

__SSIA__ 17. ∠10 & ∠11

__AEA__ 18. ∠1 & ∠8

__AEA__ 19. ∠4 & ∠15

__Corr. ∡'s__ 20. ∠20 & ∠5
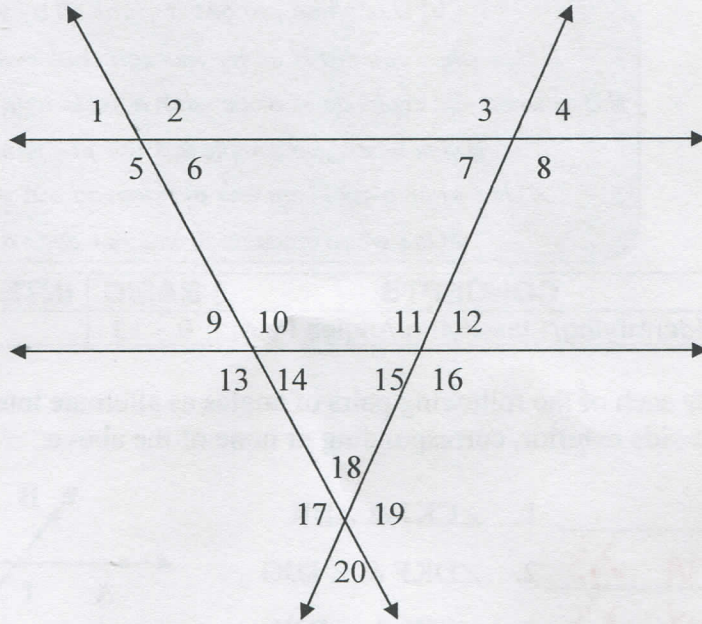
21. Tell me, in words, how you determine the difference between the different pairs of angles.

answers may vary

22. Tell me, in words, how you determine which line is the transversal.

answers may vary

CYU Reflection: *How far can you go: basic, intermediate, or advanced?*
Rate your mastery level!
How confident are you with the skills this CYU covered? Circle the score you would give yourself.

| 1 2 | 3 4 5 | 6 7 | 8 |
| Basic | Intermediate | Advanced | Solved ALL! |