



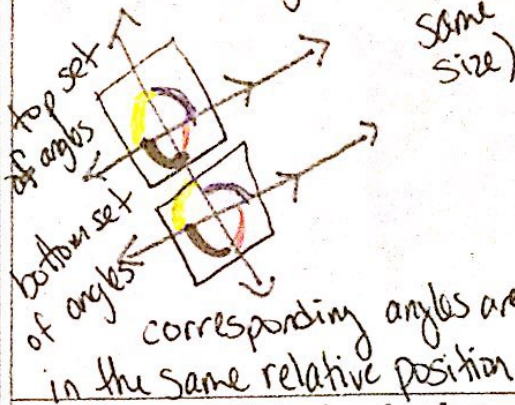
G2b: Line and Angle Properties
 CONTENT/CLASS:
 Geometry

ESSENTIAL QUESTION:

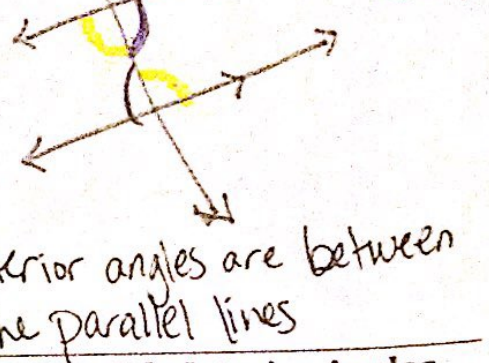
What are the special angle relationships created when a transversal crosses 2 parallel lines?

QUESTIONS:

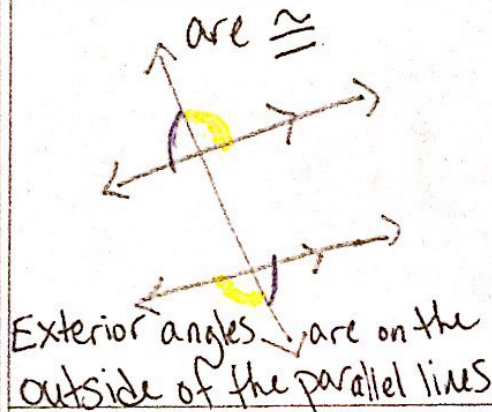
Corresponding Angles
 are congruent (the same size)



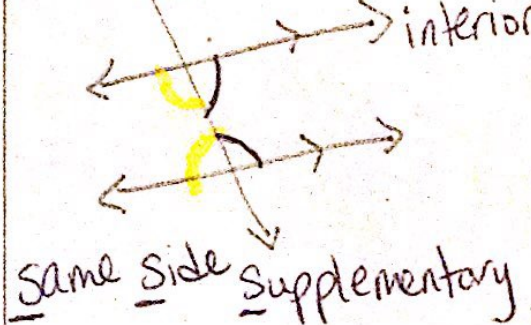
Alternate Interior Angles
 are congruent (\cong)



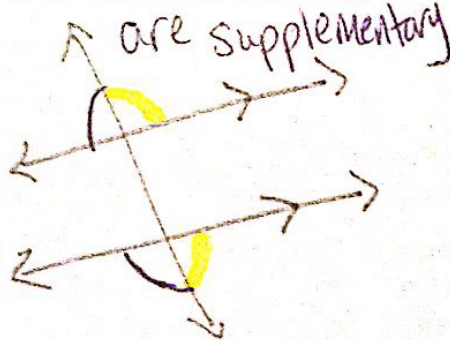
Alternate Exterior Angles
 are \cong



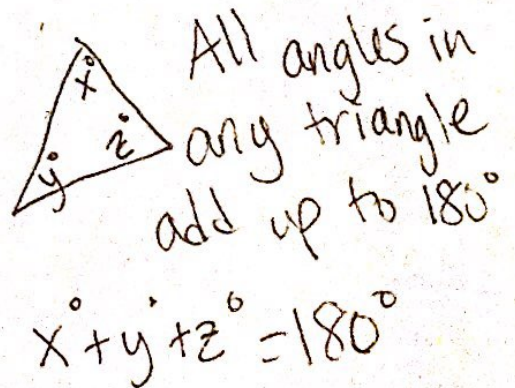
Same-Side Interior Angles
 also called consecutive interior



Same-Side Exterior Angles
 are supplementary



Triangle Angle Sum Theorem



SUMMARY: