Discovery Activity

General Instructions

* From your class page at cromero.com , download two files: parallel.gx and nonparallel.gx
* Open those two files using geometry expressions and Fill in the blanks in the statements based on those documents

Document: parallel.gx

General: Two lines are parallel and are cut by a transversal

Instructions: Move around point B and discover the answers to the following series of questions

1. Any Two vertical angles are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Any two angles of a linear pair are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Any Two alternate interior angles is always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Any Two consecutive interior angles are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Any Two corresponding angles are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Any Two alternative exterior angles are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Any Two same-side exterior angles are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Document: parallel.gx

General These Line s are not parallel

Instructions: Move around point B and conjecture what must be true before we KNOW for certain the lines are parallel