



Parallel Lines Cut by a Transversal Theorems and Postulates

Colorful Flip Book Notes

STEP 1: Mark the angles where they belong using the following color codes.

- Corresponding Angles: **RED**
- Alternate Exterior Angles: **BLUE**
- Alternate Interior Angles: **GREEN**
- Same Side Exterior Angles: **PINK**
- Same Side Interior Angles: **PURPLE**

STEP 2: Cut along the dotted lines.

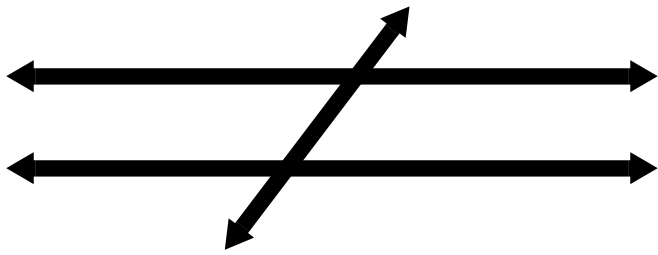
STEP 3: Glue where it says **GLUE**

STEP 4: Place Page one on top of page 2. Hold together with a book until the glue dries.

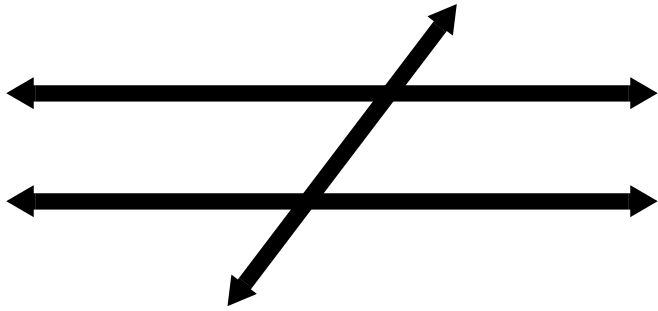
STEP 5: Fill in the Definition for the Vocabulary Words on the Right Side of the pages. Use the same color as with the Angle labels above.

DONE!

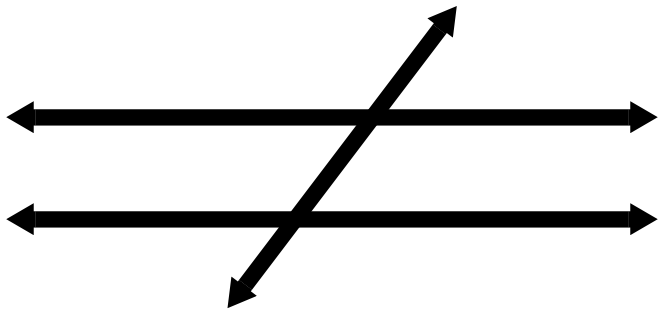
Now You Have Colorful Flip Book Notes!



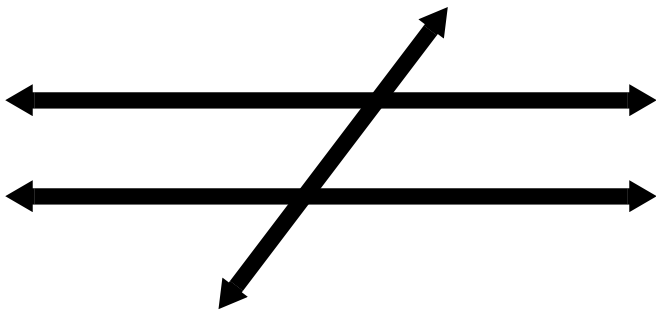
Corresponding Angle Postulate



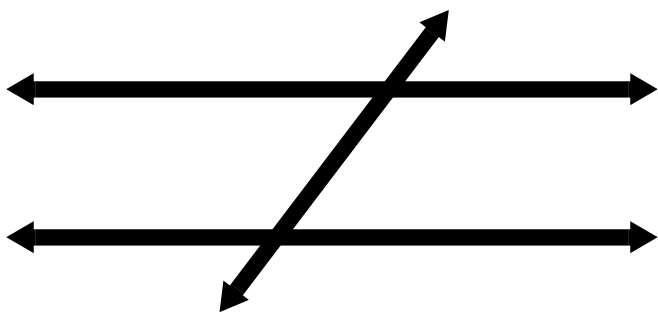
Alternate Exterior Angle Theorem



Alternate Interior Angle Theorem



Same Side Exterior Angle Theorem



Same Side Interior Angle Theorem

GLUE

**Corresponding Angle Postulate
Converse**

GLUE

**Alternate Exterior Angle Theorem
Converse**

GLUE

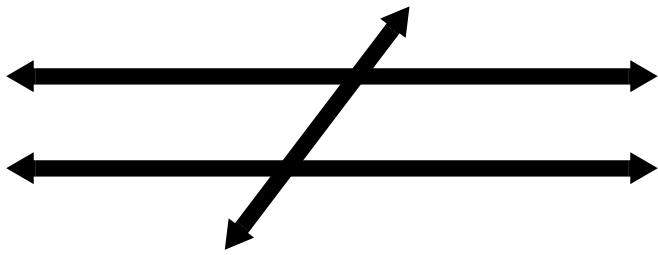
**Alternate Interior Angle Theorem
Converse**

GLUE

**Same Side Exterior Angle Theorem
Converse**

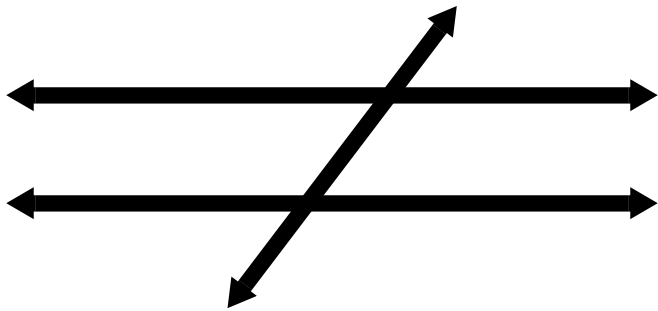
GLUE

**Same Side Interior Angle Theorem
Converse**



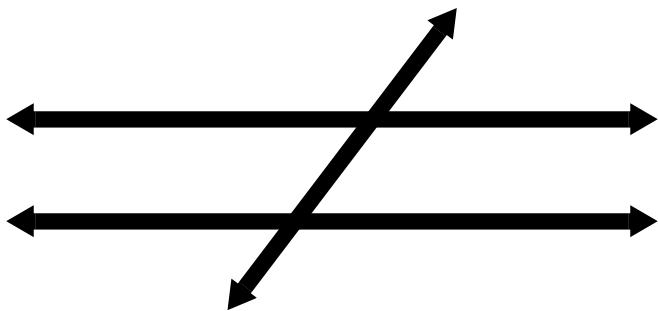
Corresponding Angle Postulate

If two parallel lines are cut by a Transversal then the pairs of corresponding angles are congruent.



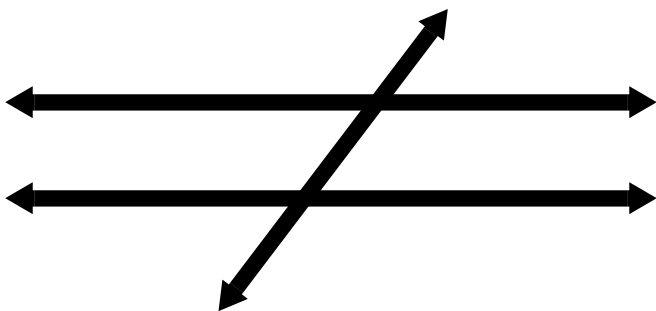
Alternate Exterior Angle Theorem

If two parallel lines are cut by a Transversal then the pairs of Alternate Exterior Angles are congruent.



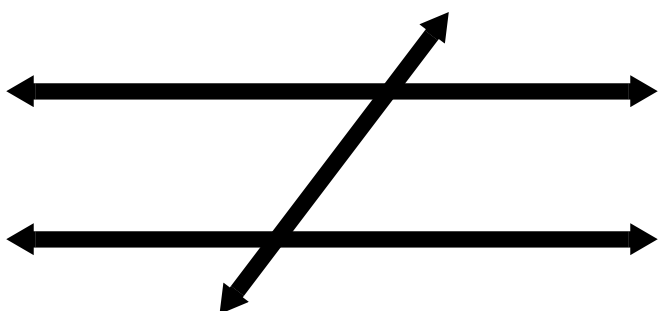
Alternate Interior Angle Theorem

If two parallel lines are cut by a Transversal then the pairs of Alternate Interior Angles are congruent.



Same Side Exterior Angle Theorem

If two parallel lines are cut by a Transversal then the pairs of Same Side Exterior Angles are Supplementary.



Same Side Interior Angle Theorem

If two parallel lines are cut by a Transversal then the pairs of Same Side Interior Angles are Supplementary.

GLUE

Corresponding Angle Postulate

Converse

If two lines and a transversal form corresponding angles that are congruent, then the lines are parallel.

GLUE

Alternate Exterior Angle Theorem

Converse

If two lines and a transversal form alternate exterior angles that are congruent, then the lines are parallel.

GLUE

Alternate Interior Angle Theorem

Converse

If two lines and a transversal form alternate interior angles that are congruent, then the lines are parallel.

GLUE

Same Side Exterior Angle Theorem

Converse

If two lines and a transversal form same-side exterior angles that are supplementary, then the lines are parallel.

GLUE

Same Side Interior Angle Theorem

Converse

If two lines and a transversal form same-side interior angles that are supplementary, then the lines are parallel.