



TOPIC/OBJECTIVE:

Parallel & Lines & Angles

CONTENT/CLASS:

Geometry

NAME:

CLASS/PERIOD:

3

DATE:

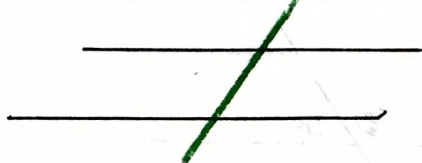
10/16/15

ESSENTIAL QUESTION:

What are the key vocab of parallel line & angles.

QUESTIONS:

Transversal



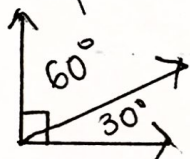
line that crosses 2 or more lines

Congruent \cong

equal length or equal angle measurement

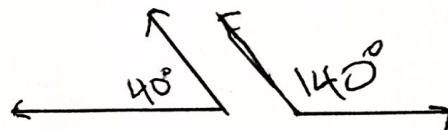
Complimentary Angles

Complementary



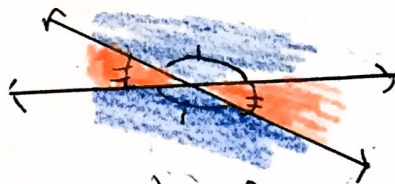
2 angles that add up to 90°

Supplementary Angles



2 angles that add up to 180°

Vertical Angles



angles opposite from each other are \cong

Straight Angles (Linear Pair)

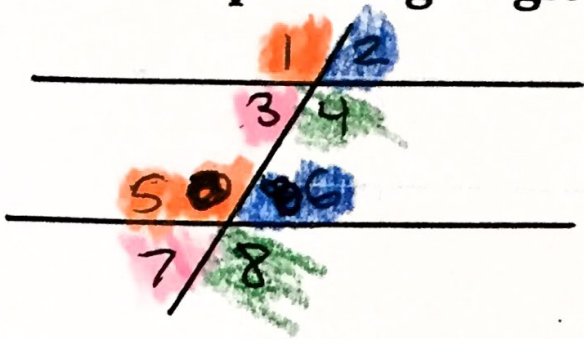
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2 angles that create a straight & supplementary

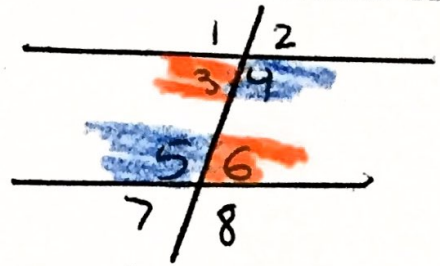
SUMMARY:

Corresponding Angles



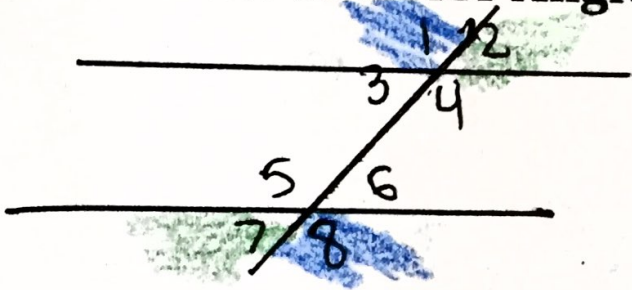
angles are \cong when the lines are parallel

Alternate Interior Angles



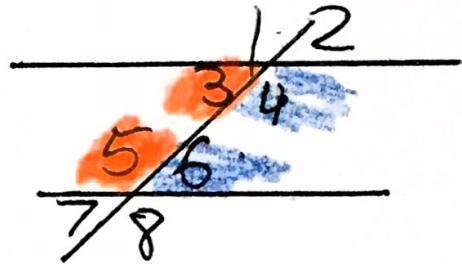
angles are \cong when the lines are parallel.

Alternate Exterior Angles



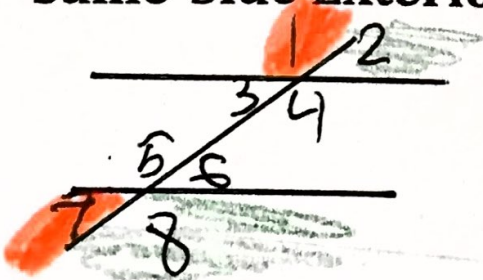
Angle are \cong when lines are parallel

Same-Side Interior Angles



angles are supplementary when lines are parallel

Same-Side Exterior Angles



angles are supplementary when lines are parallel

Triangle Angle Sum Theorem

all angles in a triangle add up to 180°