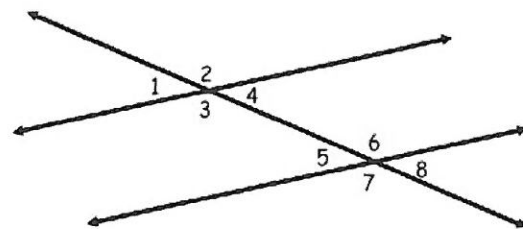


watch 3.2 video!

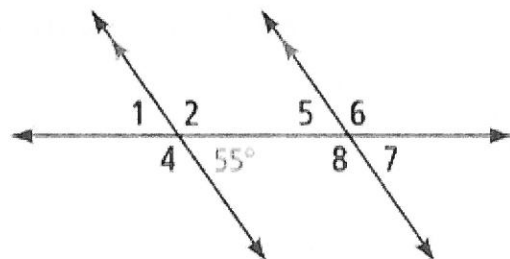
NAME: _____

3.2 Properties of Parallel Lines

Corresponding Angles Postulate:



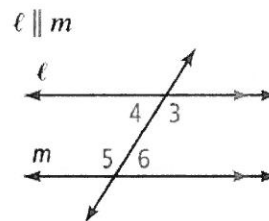
Find the degree measure of all the angles. Tell how you got them?



What other angle pair relationships are there?

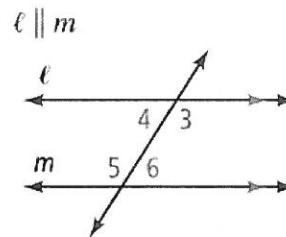
Alternate Interior Angles Theorem

If a transversal intersects two parallel lines, then



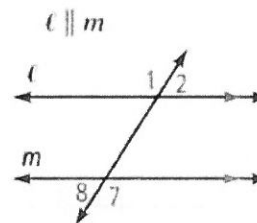
consecutive Same-Side Interior Angles Theorem:

If a transversal intersects two parallel lines, then



Alternate Exterior Angles Theorem

If a transversal intersects two parallel lines, then



Ex 1: Find the measures of all of the angles.

Ex 2: Find the measure of each angle indicated.

Ex 3: Solve for x .

Your try:

Summary:
