How Can You Prove Lines are Parallel?

**Using Consecutive Interior Angles**

**Using Corresponding Angles**

1

2

4

3

5

6

7

8

***m***

***n***

***l***

**Using Alternate Exterior Angles**

# Graphic Organizer by Dale Graham and Linda Meyer

## Thomas County Central High School

Thomasville, Ga**.**

**l | m and l | m**

**l||m and l||m**

**n**

**m**

**l**

**n**

**m**

**l**

**Using Alternate Interior Angles**

When Parallel Lines Are Cut By a Transversal, What Angle Pair Relationships Exist?

Alternate Exterior

Alternate exterior angles are \_\_\_\_\_\_.

## A

# Corresponding Angles

Corresponding angles are \_\_\_\_\_\_\_.

Alternate Interior

Alternate interior angles are \_\_\_\_\_\_.

## A

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### Vertical Pair

Vertical angles are \_\_\_\_\_\_\_\_\_\_.

### Linear Pair

Linear pair of angles are \_\_\_\_\_\_\_.

1

2

4

3

5

6

7

8

***m***

***n***

***l***

# Same Side Interior or Consecutive Interior

Same side interior or consecutive interior angles are \_\_\_\_\_\_\_\_\_\_\_\_.

# Same Side Exterior or Consecutive Exterior

Same side exterior or consecutive exterior angles are \_\_\_\_\_\_\_\_\_\_\_\_.