

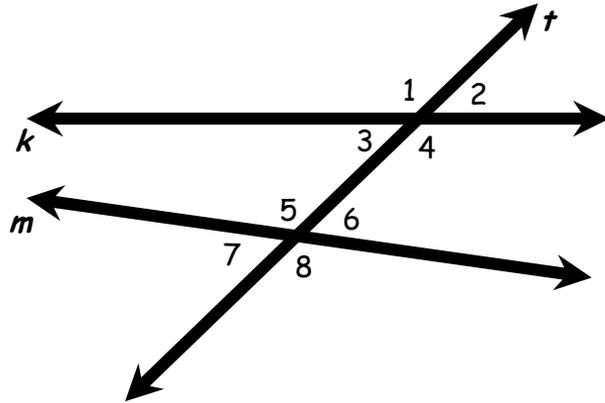
3.2

PROPERTIES OF PARALLEL LINES

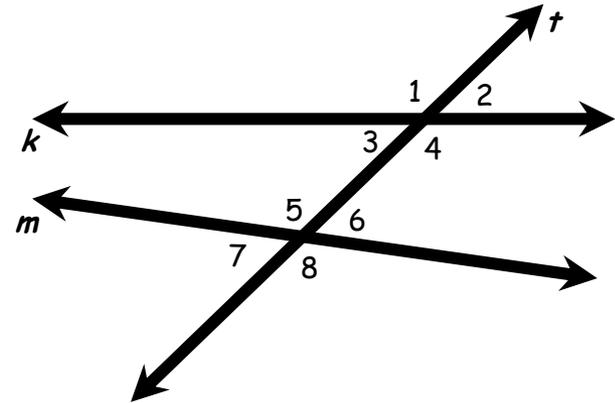
- **Learn and apply the postulates and theorems surrounding special pairs of angles formed by parallel lines and a transversal**

Review

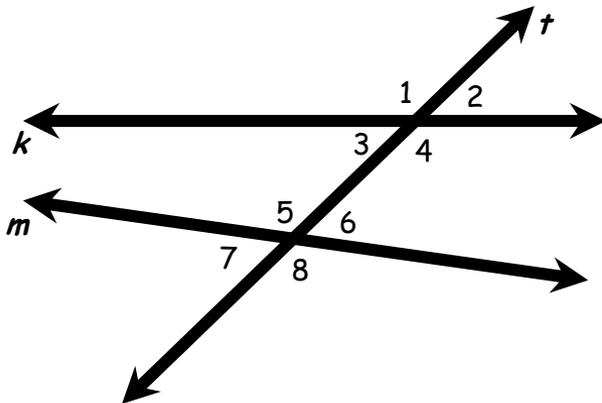
Corresponding Angles



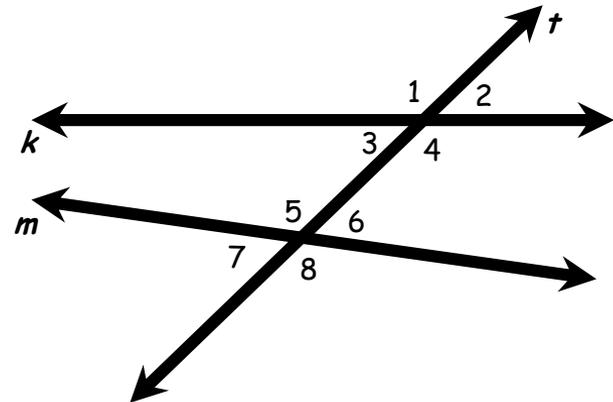
Alternate Interior Angles



Alternate Exterior Angles



Same Side Interior Angles



Exploring...

Corresponding Angles _____ **(CA)**

POK

If two parallel lines are cut by a transversal, then the corresponding angles are _____

Alternate Interior Angles _____ **(AIA)**

POK

If two parallel lines are cut by a transversal, then the alternate interior angles are _____

Corresponding Angles (CA)

POK

If two parallel lines are cut by a transversal, then the corresponding angles are _____

Alternate Interior Angles (AIA)

POK

If two parallel lines are cut by a transversal, then the alternate interior angles are _____

Alternate Exterior Angles (AEA)

POK

If two parallel lines are cut by a transversal, then the alternate exterior angles are _____

Same Side Interior (SSI)



If two parallel lines are cut by a transversal,
then the same side interior angles are
