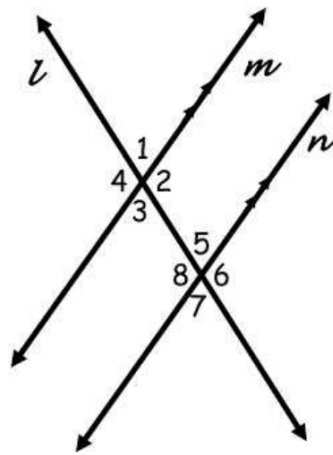


Given Angle Relationships to PROVE PARALLEL LINES

If 2 lines are cut by a transversal...

Using Corresponding Angles

and corresponding
∠'s are \cong then the
lines are parallel.



Using Consecutive Interior Angles
(Using Same-Side Interior Angles)

and a pair of consecutive
interior angles are supplementary
then the lines are parallel

Using Alternate Interior Angles

and a pair of alternate
interior angles are \cong ,
then the lines are parallel

Using Alternate Exterior Angles

and a pair of alternate exterior
angles are \cong , then the lines
are parallel.

Using consecutive Exterior Angles
(Using Same-Side Exterior Angles)

and a pair of consecutive
Exterior angles are supplementary
then the lines are ll.