3.4   Parallel Lines and Transversals

Objective: Use angle relationships and their theorems/postulates to find angle measures.

Corresponding Angles Postulate: If two parallel lines are cut by a transversal, then corresponding angles are congruent.

Alternate Interior Angles Theorem: If two parallel lines are cut by a transversal, then alternate interior angles are congruent.

Alternate Exterior Angles Theorem: If two parallel lines are cut by a transversal, then alternate exterior angles are congruent.

Same-Side Interior Angles Theorem: If two parallel lines are cut by a transversal, then same-side interior angles are supplementary.

Checkpoint at the bottom of page 130.

Checkpoint at the bottom of page 131.