3.2 Parallel Lines and Transversals

Corresponding Angles Postulate (Corr. <’s Post):

If 2 // lines are cut by a transversal then pairs of corr. <’s are congruent.

Alternate Interior Angles Theorem

(Alt. Int. <’s Thm):

If 2 // lines are cut by a transversal then pairs of alt. int. <’s are congruent.

Alterrnate Exterior Angles Thm

(Alt. Ext. <’s Thm):

If 2 // lines are cut by a transversal then pairs of alt. ext. <’s are congruent.

Consecutive Interior Angles Thm

(Cons. Int. <’s Thm):

If 2 // lines are cut by a transversal then consecutive interior angles are supplementary.

Practice Problems: Solve for x.