

Definitions

Midpoint (of a segment) [1.3]

Segment Bisector [1.3]

Acute \angle [1.4]Right \angle [1.4]Obtuse \angle [1.4]Straight \angle [1.4] \angle Bisector [1.4]Complementary \angle s [2.4]Supplementary \angle s [2.4]Perpendicular (\perp) Lines [2.5]**Postulates**

Segment Addition Postulate [1.3]

Angle (\angle) Addition Postulate [1.4]**Properties**

Reflexive [2.2]

Symmetric [2.2]

Substitution/Transitive [2.2]

Addition [2.2]

Subtraction [2.2]

Multiplication [2.2]

Division [2.2]

TheoremsVertical \angle s are \cong [2.4]The sum of the measures of linear pair \angle s = 180 [based on 1.4]Linear pair \angle s are supp \angle s [based on 1.4 & 2.4] \cong supps theorem [2.6] \cong comps theorem [2.6]All right \angle s are \cong [based on 1.4]If intersecting lines form \cong adj \angle s, then lines \perp OR If linear pair \angle s \cong , then lines \perp [2.5]If lines \perp , then \cong adj \angle s [2.5]If ext sides of adj \angle s \perp , then \angle s are comps [2.5]