Inductive reasoning vs Deductive reasoning

Direct Proof - 2 column (formal proof)

reflexive prop. $a = a$

Symmetric prop. if $a+b$ then $b+a$

transitive prop. if $a=b$ and $b=c$, then $a=c$

Postulates to know

Substitution, Partition - a whole is = to the sum of its parts

Addition, Subtraction, Multiplication,

Division, Roots, Powers

pg 135 4.1 - 4.10 - Postulates

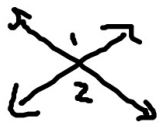
IP - Introduction to Proofs →

Adjacent ∠'s  ∠1 + ∠2 are adjacent
no overlap

Complementary 2 ∠'s : add to 90°

Supplementary ∠'s : add to 180°

Linear Pair - 2 adjacent ∠'s that form a straight line

Vertical ∠'s -  $m\angle 1 = m\angle 2$
$\angle 1 \cong \angle 2$

Theorems 4.1 - 4.9 pg 144