**PROOFS REASON BANK 2-6**

![C:\Users\EZ\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\1FF3Z17X\MC900442036[1].wmf]()

To look up definitions, refer to the GLOSSARY in the back of your textbook, pages 911-959.

A list of Properties, Postulates, Theorems for each chapter can be found on pages 902-909.

**Definition of a right angle**

**Definition of perpendicular**

**Definition of midpoint**

**Definition of segment congruence**

**Definition of angle congruence**

**Definition of a segment bisector**

**Definition of an angle bisector**

**Segment Addition Postulate**

**Angle Addition Postulate**

**Definition of Linear Pair**

**Linear Pair Property (Postulate)**

**Definition of Supplementary Angles**

**Definition of Complementary Angles**

**Addition Property of Equality**

**Subtraction Property of Equality**

**Multiplication Property of Equality**

**Division Property of Equality**

**Substitution Property of Equality**

**Distributive Property**

**Combine Like Terms**

**Reflexive Property of Equality**

**Symmetric Property of Equality**

**Transitive Property of Equality**

**Reflexive Property of Congruence**

**Symmetric Property of Congruence**

**Transitive Property of Congruence**

**Definition of Vertical Angles**

**Vertical Angles Theorem**

**Congruent Supplements Theorem**

**Congruent Complements Theorem**

**All right angles are congruent**