

Proofs fill-in-the-word-bank (these are some of the "reasons" used in proofs)

Segments and Angles (textbook 1-5, 1-6, 1-7, 2-5):

Definition of Congruence	
Segment Addition Postulate	
Angle Addition Postulate	
Definition of supplementary angles	
Congruent Supplements Theorem	If two angles are _____ of the same angle (or of congruent angles), then the two angles are congruent.
Definition of perpendicular lines	
Definition of linear pair	
Definition of vertical angles	
Overlapping Angles Theorem	

Definition of midpoint	
Definition of segment bisector	
Definition of angle bisector	
Definition of complementary angles	
Congruent Complements Theorem	If two angles are complements of the same angle (or of congruent angles), then the two angles are _____.
(no name)	All right angles are congruent
(no name)	Linear pair \rightarrow supplementary
Vertical Angles Theorem	Vertical angles are _____.
Overlapping Segments Theorem	

Baby Proofs / Reasoning in Algebra (textbook 2-4):

Properties of <u>EQUALITY</u> : Addition Prop. Subtraction Prop. Multiplication Prop. Division Prop. Reflexive Prop. Symmetric Prop. Transitive Prop. Substitution Prop. Distributive Prop.	
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Properties of <u>CONGRUENCE</u> :	
Reflexive Prop.	$\angle A \cong$ _____
Symmetric Prop.	If $\angle A \cong \angle B$, then $\angle B \cong$ _____.
Transitive Prop.	If $\angle A \cong \angle B$ and $\angle B \cong \angle C$, then $\angle A \cong$ _____.
Simplify	

Parallel Lines and Angle Relationships (textbook 3-1, 3-2, 3-3):

Corresponding Angles Postulate	If a _____ intersects two parallel lines, then corresponding angles are _____.
Alternate Interior Angles Theorem	If a transversal intersects two _____ lines, then _____ angles are congruent.

Converse of the Corresponding Angles Postulate	If two lines and a transversal form _____ angles that are congruent, then the two lines are parallel.
Converse of the Alternate Interior Angles Theorem	If two _____ and a transversal form alternate interior angles that are _____, then the two lines are parallel.

Same-side Interior Angles Theorem	If a transversal intersects two parallel lines, then same-side interior angles are _____.
Alternate Exterior Angles Theorem	If a transversal intersects two parallel lines, then _____ exterior angles are congruent.
Same-Side Exterior Angles Theorem	If a transversal _____ two parallel lines, then _____ angles are supplementary.

Converse of the Same-Side Interior Angles Theorem	If two lines and a transversal form same-side interior angles that are supplementary, then the two lines are _____.
Converse of the Alternate Exterior Angles Theorem	If two lines and a _____ form _____ angles that are congruent, then the two lines are parallel.
Converse of the Same-Side Exterior Angles Theorem	If two lines and a transversal form same-side exterior angles that are _____, then the two lines are parallel.

Theorem 3-9	If two lines are parallel to the same _____, then they are _____ to each other.
Theorem 3-10	In a plane, if two lines are perpendicular to the _____ line, then they are _____ to each other.

Theorem 3-11	In a plane, if a line is perpendicular to one of two _____ lines, then it is also _____ to the other.
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Triangles and Polygons (textbook 3-4, 3-5, 4-5):

Triangle Angle-Sum Theorem	The sum of the measures of the angles of a _____ is _____.
Definition of equilateral triangle	
Definition of right triangle	
Isosceles Triangle Theorem	
Polygon Angle-Sum Theorem	

Triangle Exterior-Angle Theorem	The measure of each _____ angle of a triangle equals the _____ of the measures of its two remote interior angles.
(no name)	Equilateral triangle \leftrightarrow equiangular triangle
Definition of isosceles triangle	
Converse of the Isosceles Triangle Theorem	
Polygon Exterior-Angle Theorem	

Congruent Triangles (textbook 4-1, 4-2, 4-3, 4-4, 4-6, 4-7):

SSS \cong	
ASA \cong	
HL \cong	

SAS \cong	
AAS \cong	
CPCTC	

Similar Triangles (textbook 7-3):

SSS \sim	
AA \sim	

SAS \sim	
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