(version 3)

Geometry – Unit 2
Review Glossary

This review glossary must be completed and turned in on the day of the unit 2 test.

Definitions:

1. Vertical Angles: _____

2. Supplementary Angles: _____

3. Complementary Angles: _____

Postulates:

1. *Segment Addition:* _____

2. *Angle Addition:* _____

3. *Transitive:* _____

4. Reflexive: _____

Theorems:

1. *Vertical Angle Theorem:* _____

2. *Right Angle Theorem:* _____

3. *Supplementary Angle Theorem:* _____

4. *Supplementary Theorem 1:* _____

5. *Supplementary Theorem 2:* _____

6. *Supplementary Theorem 3:* _____

7. *Complementary Angle Theorem:* _____

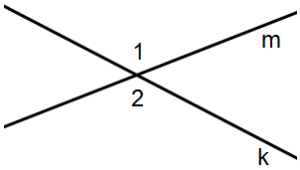
8. *Complementary Theorem 1:* _____

9. *Complementary Theorem 2:* _____

Intersecting Lines (Hidden Givens):

Given: 2 lines that intersect

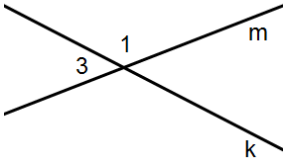
1. Vertical Angles



Statement	Reason
(Identify the angles)	
1. _____	1. _____
(Use the angles)	
2. _____	2. _____

(version 3)

2. Supplementary Angles



Statement	Reason
(Identify the Angles)	
1. _____	1. _____
2. (Use the Angles)	2. (4 options)

Segment/Angle Addition Proofs:

Addition Case:

Given: _____ = _____

Prove: _____ = _____

Basic Proof Steps:

Statement	Reason
1. Part = Part	1. Given
2. Part + Part = Part + Part	2.
3. Whole = Whole	3.

Subtraction Case:

Given: _____ = _____

Prove: _____ = _____

Basic Proof Steps:

Statement	Reason
1. Whole = Whole	1. Given
2. Part + Part = Part + Part	2.
3. Part = Part	3.

Conjuntion & Disjunction:

1. The statement "X **or** Y" is true when _____

2. The statement "X **and** Y" is true when _____

Logical Equivalence:

Given a conditional statement: "If X then Y."

1. The *Converse* is _____

2. The *Inverse* is _____

3. The *Contra-positive* is _____

4. The _____ is always **Logically Equivalent** to the original conditional.