



Quiz Topics

Here's what you need to know for the upcoming quiz...this covers material from Section 2.1 through Section 2.4!!

Definitions

- Everything defined in Chapter 1
- Perpendicular lines (rays, segments)
- Complementary angles
- Supplementary angles

Theorems

- If two angles are right angles, then they are congruent (*Right Angle Theorem*)
- If two angle are straight angles, then they are congruent (*Straight Angle Theorem*)
- If a conditional statement is true, then its contrapositive is also true (you don't need to be able to prove this!!)
- If angles are supplementary to the same angle, then they are congruent
- If angles are supplementary to congruent angles, then they are congruent
- If angles are complementary to the same angle, then they are congruent
- If angles are complementary to congruent angles, then they are congruent

Constructions

- Chapter 1 constructions
- Perpendicular to a line from a point not on the line
- Perpendicular to a line from a point on the line

Types of Problems

- Simultaneous equations
- Solving for angle/complement/supplement problems
- Theorem proofs (make sure you can prove Theorems 1-7 exclusive of Theorem 3)
- Proofs using all theorems and definitions
- Constructions