Chapter 2 Test Review

Terms to Know

Properties:

- Addition
- Subtraction
- Multiplication
- Division
- Reflexive
- Symmetric
- Transitive
- Substitution
- Distribution

Be able to solve for the measurement of angles

Theorems:

- Vertical angles are equal.
- If two angles are supplements of the same angle then they are congruent.
- If two angles are complements of the same angle then they are congruent.
- All right angles are congruent.
- If two angles are both congruent and supplementary, then each angle is a right angle.

Chapter 3 Test Review

Geometry

Vocabulary

Transversal
Parallel
Perpendicular
Corresponding angles
Alternate interior angles
Alternate exterior angles
Same-side interior angles
Same-side exterior angles
Slope
Y-intercept

Things to Know

Be able to calculate the slope between two points.

Know the slope of a horizontal line and the slope of a vertical line.

Be able to graph equations of lines (including horizontal and vertical lines).

Know how to write the equation of a line.

Know how to find a perpendicular slope.

KNOW the theorems and postulates for the chapter

Theorems

If two lines are parallel, then the {corresponding / alternate interior / alternate exterior} angles are equal.

If two lines are parallel, then the same-side {interior / exterior} angles are supplementary.

If the {corresponding / alternate interior / alternate exterior} angles are equal, then the lines are parallel.

If the same-side {interior / exterior} angles are supplementary, then the lines are parallel.

Two lines that are both parallel to a third line are parallel to each other.

In a plane, if two lines are both perpendicular to the same line, then they are parallel to each other.