Review 2

1. Draw 2 parallel lines and a transversal through both (a line going through both parallel lines). Label all angles with numbers. Which angles are congruent? There should be 2 groups of 4. Now state a few supplementary angles that are NOT adjacent to each other.

2. In terms of angles, what's the difference between an equilateral and isosceles triangle? What do they have in common? Draw a figure of each.

3. By the previous problem, you know how the angles add up. How are the lengths supposed to add up? Give an example of some sides that don't add up. Also, how do angles correspond to opposite sides?

4. Name the three things I put on the board aboot parallelograms. (Hint: Opposite, Opposite, consecutive) Draw a parallelogram with labeled angles showing these relationships.

5. Kite, square, rectangle, rhombus. Draw one of each. Label congruent angles and congruent sides.

6. What is the Pythagorean Theorem and what type of triangle does it apply to? Draw this using a,b,c (hypotenuse) Suppose a=6 and c=10, find b.