a.) What is the best name for this quadrilateral? _____

b.) What is the area of the quadrilateral? _____

c.) What is the perimeter of the quadrilateral? _____

d.) What is the name of the important point located at (0,0)? _____

7. A triangle has vertices of (-7,2), (-7,-2), and (-3,-2).

a.) What is the area of the triangle? _____

b.) Would this triangle be considered an acute triangle, a right triangle, or an obtuse triangle? _____

c.) Would this triangle be considered scalene, isosceles, or equilateral? _____

d.) This triangle is located in which <u>two</u> quadrants? _____

8. A quadrilateral has vertices of (-2,-2), (-2,-5), (-6,-6), and (-6,-3). (Hint: It may help to turn your graph paper sideways to answer the first two questions.)

a.) What is the best name for this quadrilateral? _____

b.) What is the area of the quadrilateral? _____

c.) In what quadrant is the quadrilateral located? _____

9. A triangle has vertices of (2,-2), (4,-6), and (0,-6).

a.) What is the area of the triangle? _____

b.) Would this triangle be considered an acute triangle, a right triangle, or an obtuse triangle? _____

c.) Would this triangle be considered scalene, isosceles, or equilateral? _____

d.) In what quadrant is the triangle located? _____

10. A quadrilateral has vertices of (7,1), (7,7), (6,6), and (6,2).

a.) What is the best name for this quadrilateral? _____

b.) What is the area of the quadrilateral? _____

c.) In what quadrant is the quadrilateral located? _____