**AP Calculus Summer Assignment #6**

**I. Using point-slope form y – y1 = m( x – x1), write an equation for the line.**

1. With slope -2, containing the point (3, 4).
2. Containing the points (1, -3) and (-5, 2).
3. With slope 0, containing the point (4, 2).
4. Parallel to 2x – 3y = 7 and passes through (5,1).

5. Perpendicular to the line in Problem #1, containing the point (3, 4).