**FOLLOWING THE INSTRUCTIONS IN CALCULUS QUESTIONS.**

Make sure you do what the question asks for and nothing more!!!

1. Find the gradient of the function ***y = x2 – 8x + 3*** when ***x = 5***

2. Find the gradient of the function ***y = x2 – 8x + 3 at (1, -4)***

3. Find the ***x*** value when the gradient of ***y = x2 – 8x + 3*** equals 6

4. Find the coordinates of the point where the gradient of ***y = x2 – 8x + 3***

 equals 2.

5. Find the ***x*** value when the gradient of ***y = x2 – 8x + 3*** equals 0

6. Find the coordinates of the point where the gradient of ***y = x2 – 8x + 3***

 equals 0.

7. Find the GRADIENT of the TANGENT to the curve ***y = x2 – 8x + 3*** at the

 point (1, -4)

8. Find the EQUATION of the TANGENT to the curve ***y = x2 – 8x + 3*** at the

 point (1, -4)