Math1210 Quiz 3 (N3, N4, 1.1, 1.3)	Summei	r, 2009	Dylan Zwick
Name I	Date		
Instructions: Please show all of your work as partial credit will be given where appropriate, and there may be no credit given for problems where there is no work shown. All answers should be completely simplified, unless otherwise stated.			
1. Find the slope of the curve $y=2x^4-5x^3+3x+6$ at the point where $x=1$.			
	Ans	wer 1:	
2. Evaluate the integral $Y=\int (x^2-5)dx$ Y=2 when $x=0$.	x such that		

Answer 2:_____ 3. Find each of these limits or state that the limit does not exist. (Hint: Factor the polynomials) (a) $\lim_{x\to 3} \frac{\sqrt{(x+5)(x-3)^4}}{(3x-9)^2}$

Answer 3(a):_____

2 (b)
$$\lim_{x \to 2} \frac{-x^3 + 5x + 1}{x^2 - 7x + 11}$$

Answer 3(b):_____