Dawson College: Linear Algebra: 201-NYC-05 06		April 15, 2010
	Last Name:	
	First Name:	
	Student ID:	
Quiz 9 (B)		

Question 1. (5 marks) Find the equation of the plane that passes through the points $P_1(2,0,-1)$, $P_2(2,3,5)$, and $P_3(4,4,2)$.

Question 2. (2 marks) Find the equations of the line that passes through the point P(4, -2, 0) and is parallel to the vector $\vec{\mathbf{v}} = (\frac{25}{2}, -10, 5)$.

Question 3. (3 marks) Are the plane found in question 1 and the line found in question 2 perpendicular, parallel or neither?