<u>Math</u>	32 Qu	ıiz 2	January 31, 2019
Provide a clear and organized presentation. Show all of your work, completely simplify all answers, and give exact values only.			
1.	An aircraft travels due north at 250 mph, but there is a wind blowing into the direction of S50°E at 50 mph and an updraft at 30 mph. What is the true speed of the aircraft?		
2.	Determine the distance between the $2x+3y=5$.	point $(3,4)$ and the line	e whose equation is