Name: Pre-Calculus	Date: 3/18/15 Ms. Wilson
Solving Problems with Vectors	
<ol> <li>An airplane is flying on a bearing of 335° at 530 mph. Find the com airplane.</li> </ol>	ponent form of the velocity of the
2.) An airplane is flying on a compass heading (bearing) of 340° at 325 bearing 320° at 40mph. a) Find the component form of the velocity of ground speed and direction of the plane.	

) A basketball is shot at a 70° angle with the horizontal direction with an initial speed of 10m/sec. Fin e component form of the initial velocity.	ıd
A ship is heading due north at 12mph. The current is flowing southwest at 4mph. Find the actual earing and speed of the ship.	