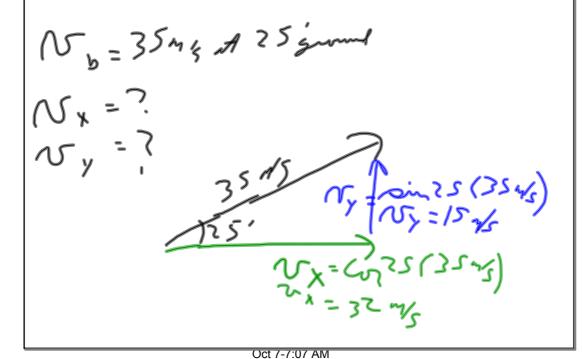
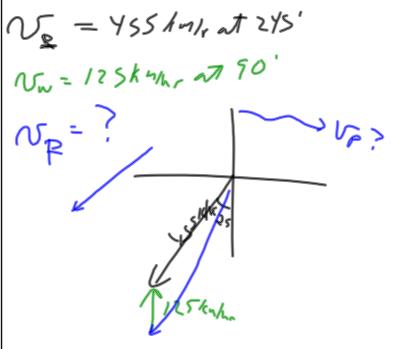


A ball is kicked at 35 m/s at an angle of 25° with the horizontal. What are the horizontal and vertical components of the velocity?



A plane (billy the plane, that is) wants to travel at 455 km/hr at 245'. Where should it head if it encounters a wind of 125 km/hr blowing from the South?



a) A plane heads due east (180 °) at 425 km/hr. Where does the plane end up if it encounters a wind blowing at 75 km/hr from the southeast (135 °)?....b) Where should the plane head if it wants to end up going due east?

Oct 7-7:08 AM

