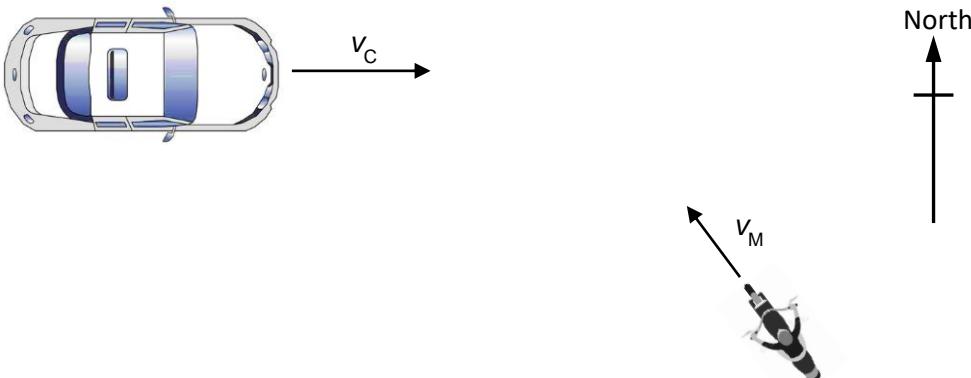
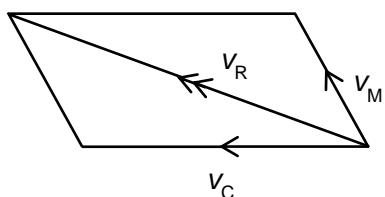


- 3 A passenger in a car travelling due East at speed v_C sees a motorcyclist travelling due North-West at speed v_M .

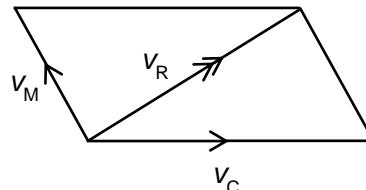


Which diagram shows the velocity v_R of the motorcyclist relative to the passenger in the car?

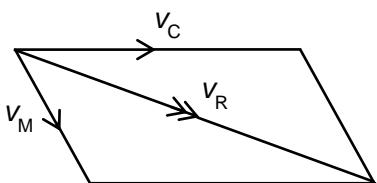
A



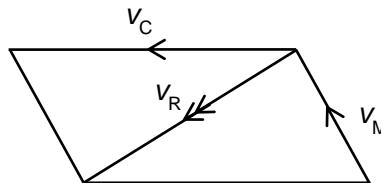
B



C



D



[Turn over