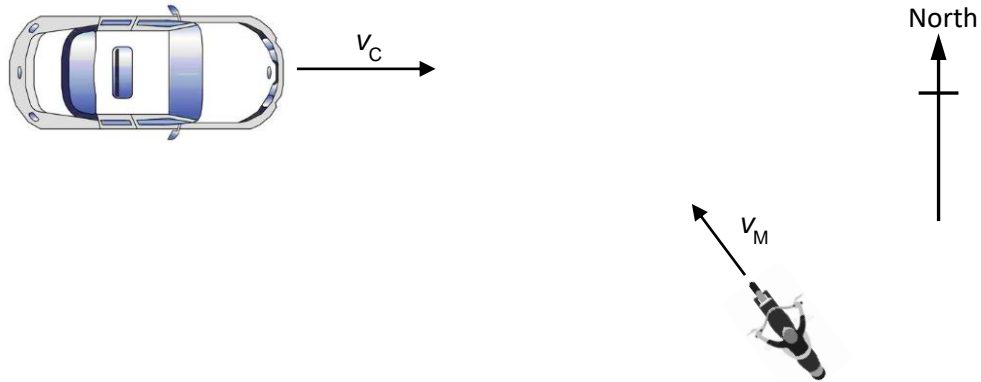
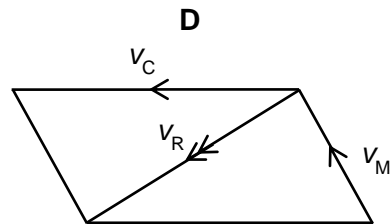
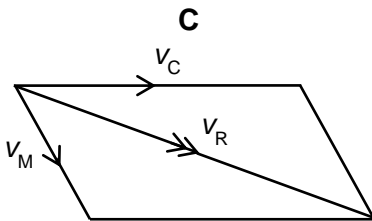
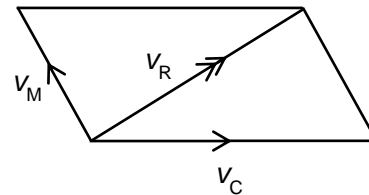
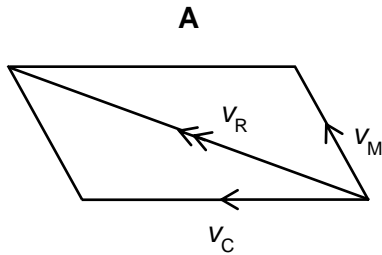


- 3 A passenger in a car travelling due East at speed v_C sees a motorcyclist travelling due North–West at speed v_M .



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



[Turn over