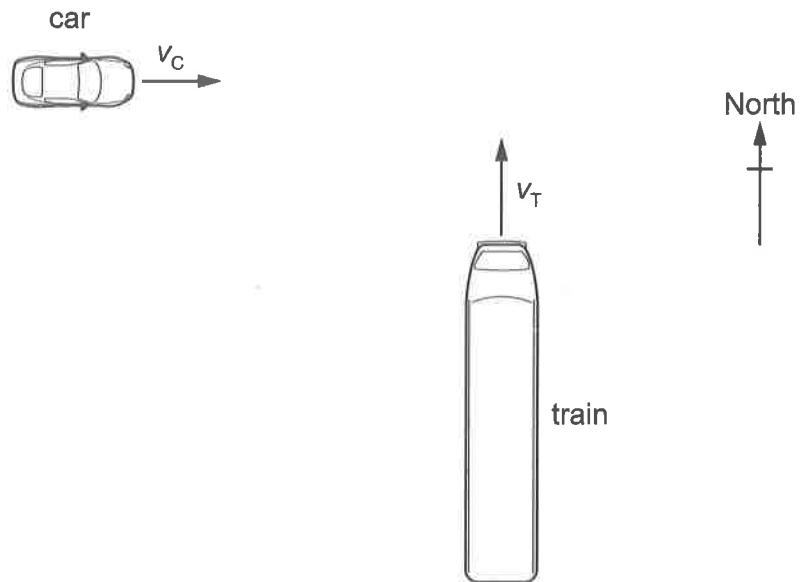


- 5 A passenger in a train travelling due north at speed  $v_T$  sees a car travelling due east at speed  $v_C$ .



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

