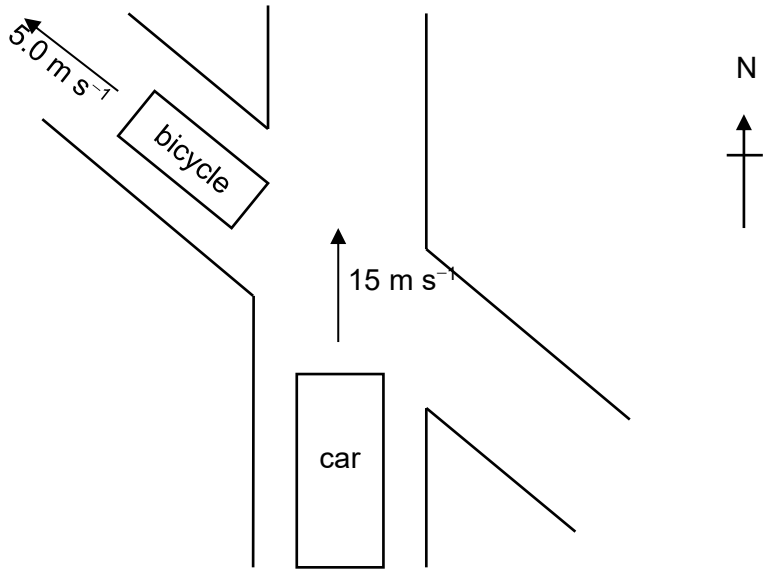
1

A car and a bicycle are equal distances from a crossroads. The car is travelling north with a speed of 15 m s^{-1}.

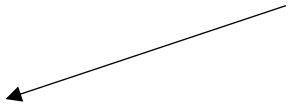
The bicycle is travelling northwest with a speed of 5.0 m s^{-1}.



At this instant, which arrow represents the velocity of the bicycle relative to the car?

A

B



C

D