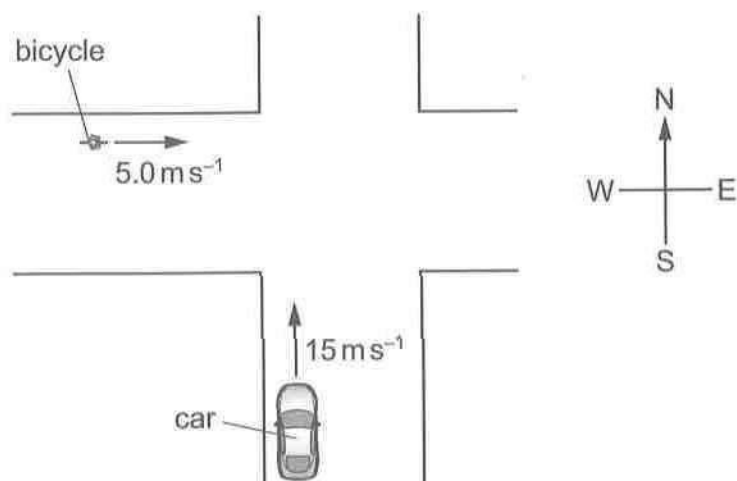


- 5 A car and a bicycle are equal distances from a crossroads. The car is travelling north with a speed of  $15\text{ m s}^{-1}$ .

The bicycle is travelling east with a speed of  $5.0\text{ m s}^{-1}$ .



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

