Question 32923

Average velocity is $\vec{v}=\frac{\vec{S}}{t}$, where $\vec{S}$ is displacement and t is the time of movement.

If car moved 20km west and then 60km east, then displacement is 40km. Hence,

$v=\frac{S}{t}=\frac{40\,km}{2h}=20\frac{km}{h}$ - this is the average velocity of the car.