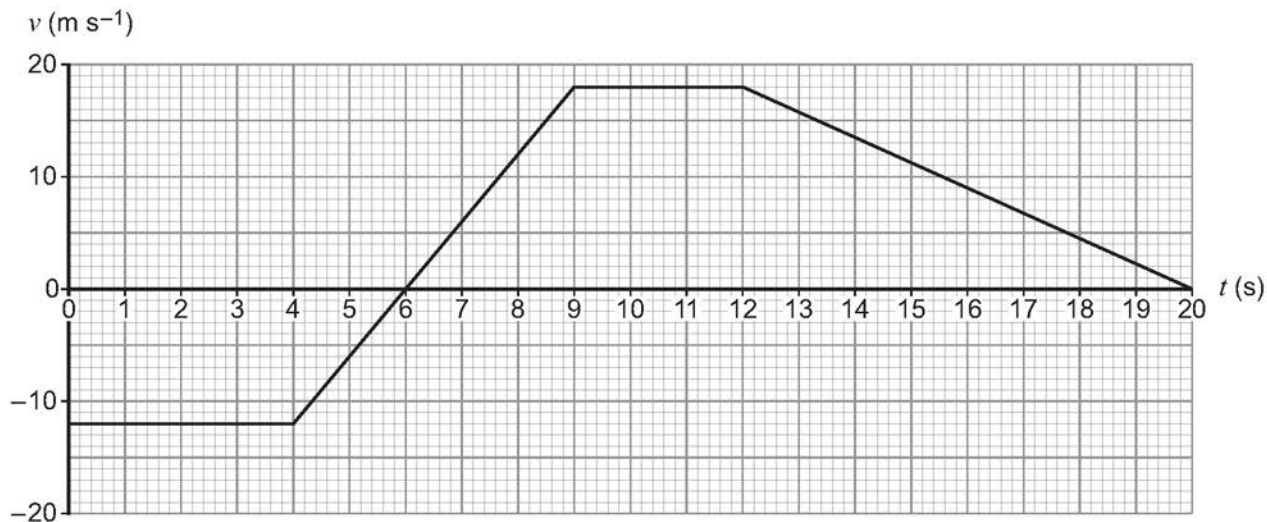


The diagram below shows a velocity-time graph for a particle moving with velocity $v \text{ m s}^{-1}$ at time t seconds.



Which statement is correct?

Tick (✓) **one** box.

[1 mark]

The particle was stationary for $9 \leq t \leq 12$

☐

The particle was decelerating for $12 \leq t \leq 20$

☐

The particle had a displacement of zero when $t = 6$

☐

The particle's speed when $t = 4$ was -12 m s^{-1}

☐