

Question26318

Udit is walking from school to his home 9 miles away, starting at time $t = 0$. Udit walks slowly at a speed of 2 miles per hour. If the time t is measured in hours, then Udit's distance from home at time t is $y =$.

Solution.

If he walks t hours, he covers a distance $2 \cdot t$ miles. Then his distance from home at this moment is

$$y = 9 - 2t$$

miles.

Answer. $y = 9 - 2t$.