

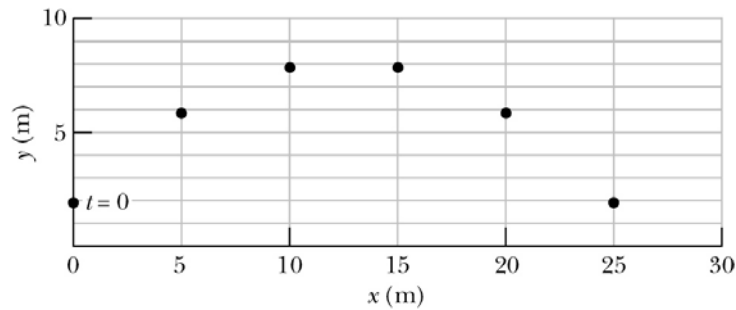
Honors Physics - Quiz 2

Prof Alex Dzierba

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You may consult your text – show all work on these sheets

Name (please print) : _____



A ball is released at $t = 0$ from $x = 0.0\text{ m}$ and $y = 2.0\text{ m}$ on a certain planet. Distance above ground is measured along the y axis. The position of the ball is shown above every 0.5 s .

- What is the initial velocity of the ball (use vector notation)?
- What is the magnitude of free fall acceleration?
- How long after release does the ball hit the ground?