

Quiz 1

Name: _____

The height $H(t)$ (in inches) of a weight attached to the end of a spring t seconds after release is given in the table below. Determine the average rate of change of $H(t)$ between $t = 0$ and $t = 2$. Give units and interpret your answer.

t	0.0	0.25	0.5	0.75	1.0	1.25	1.5	1.75	2.0	2.25	2.5	2.75	3.0
$H(t)$	10.0	9.96	8.93	7.77	7.16	6.41	6.45	6.69	6.00	6.69	6.45	6.41	7.16