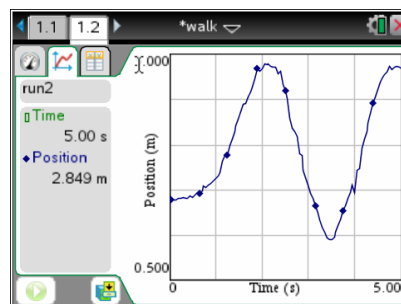2.4a Average Rate of Change

Warm-Up

avg & instantaneous rate of change wkst. #1&2

Aug 26-11:38 AM

perform a walk

Aug 27-7:19 AM

Warm-Up

worksheet #1 & 2

Aug 27-7:16 AM

estimate the velocity at t = _____

right hand difference quotient (rhdq) #9 on wkst

left hand difference quotient (lhdq) #10 on wkst

symmetric difference quotient (sdq)

Aug 26-11:46 AM

A ball is dropped from the top of a 70 foot building. Its height above ground after t seconds is $70 - 16t^2$

How fast is the ball falling after 2 seconds?

Aug 26-11:42 AM

The table shows the coordinates of a moving particle. Estimate the velocity at t = 3.

t sec	0	.5	1	1.5	2	2.5	3	3.5	4
s (ft)	3.5	-4	-8.5	-10	-8.5	-4	3.5	14	27.5

Aug 26-11:49 AM