Name:			
Period:			

HW—2:1 — Acceleration; Average Speed Mr. Murray, IPC www.aisd.net/smurray

Assigned: Fri.,	1/16/04
Due: Wed.,	1/21/04

Assigned: Fri., 1/16/04

Speed vs. Time
The dependent variable is:

Which graph segments fit the following:

At rest:
Fast acceleration:
Slow acceleration:
Speeding up:
Slowing down:

Time

A motorcycle accelerates from 25 m/s to 75 m/s in 5 secs. Calculate acceleration. (show work—variable; formula; solve)

A plane going 300 mph stops in 10 secs. Calculate acceleration. (show work—variable; formula; solve)

Do Work on back

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Don't forget the front side

HW 2:1

HW 2:1

HW 2:1

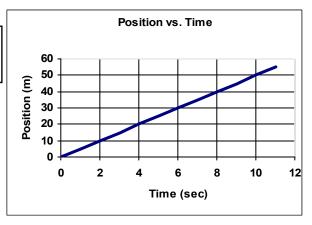
Vocabulary—

Speed or velocity: Person walking 2 m/s toward Fourth street:

A car travels 60 mph:

Scalar or Vector: A 10 N force pulls a rock: A car drives 40 miles in an hour, stops an hour for dinner, then drives 60 miles in 2 hours. Find the car's average speed.

(Use a data table to find total D and T).



Find slope:

Name: _____

Period:____

Vocabulary—

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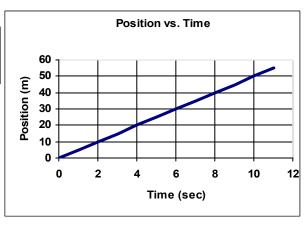
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Don't forget the front side

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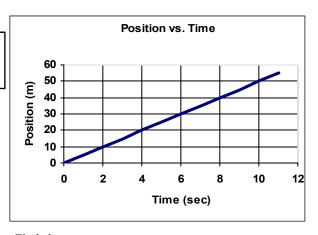
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