Name: _____

Period:_____

HW—2:2 — Speed, average speed, acceleration
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Wedn., 1/21/04
Due: Fri., 1/23/04

A motorcycle stops from 250 m/s 25 secs. Calculate acceleration. (show work—variable; formula; solve)

A plane goes from 10 m/s to 90 m/s in 4 secs.

What is the change in speed?

What is the acceleration (show formula, put in number, solve):

A car travels 25 m/s for 40 seconds. How far did they drive.
Show variables, formula, and solve.

Do Work on back

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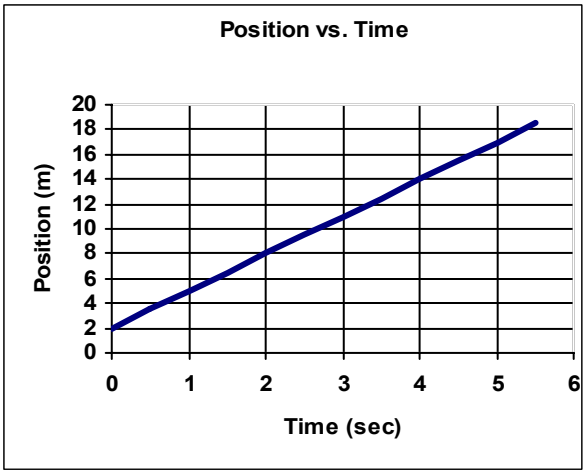
HW 2:2

Don't forget the front side

A bike goes 8 miles in an hour, stops for 2 hours for dinner, then rides 12 miles in 3 hours. Find the bike's average speed.

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



Circle two good point.

Circle their y and x coordinates.

Show the equation for slope:

Calculate slope:

What does it mean?

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Period:_____

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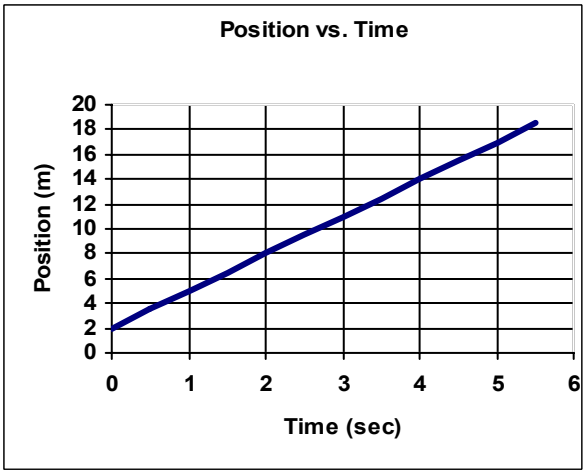

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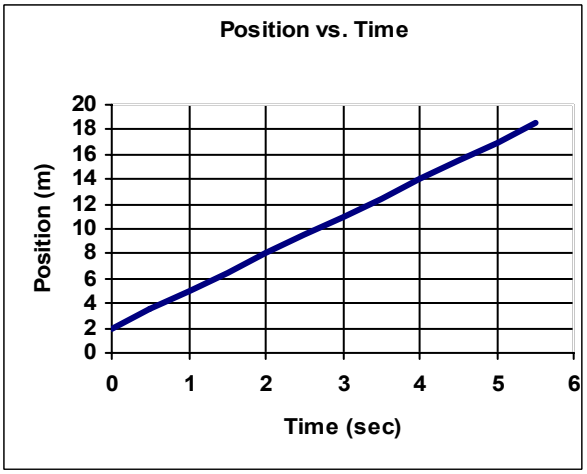

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