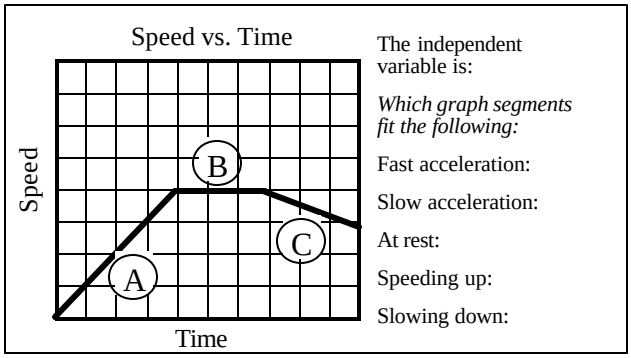
Name: _____

Period: _____

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

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



The independent variable is:

Which graph segments fit the following:

Fast acceleration:

Slow acceleration:

At rest:

Speeding up:

Slowing down:

A plane going 200 mph stops in 10 secs. Calculate acceleration. (show work—variable; formula; solve)

A motorcycle accelerates from 50 m/s to 75 m/s in 5 secs. Calculate acceleration. (show work—variable; formula; solve)

Do Work on back

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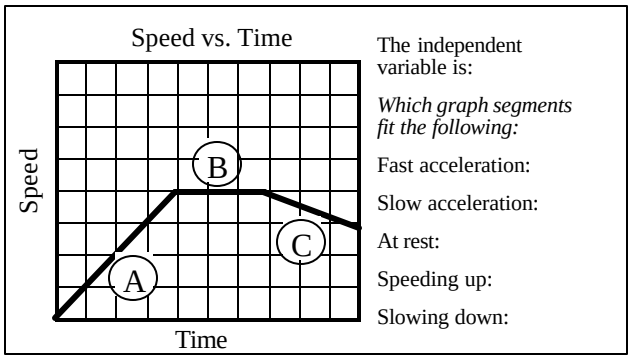

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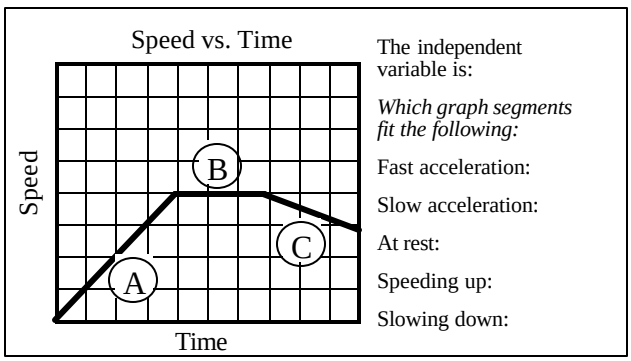

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Do Work on back

Name: _____

Period: _____

HW 2:1L

Don't forget the front

Vocabulary—

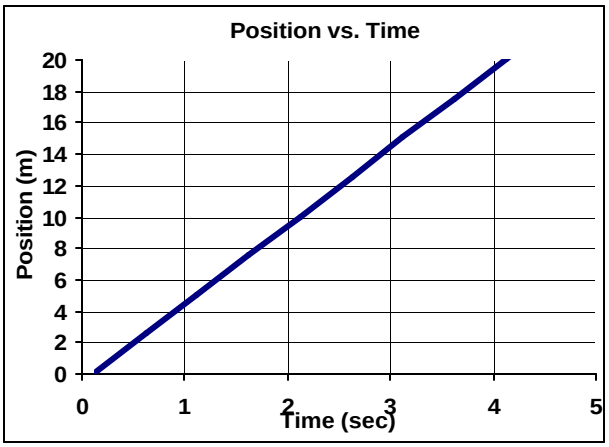
Speed or velocity:
Person walking 2 m/s

A car travels 60 mph north.

Scalar or Vector:
A 10 N force pulls a rock to the left:

A car drives 40 miles in an hour, stops an hour for dinner, then drives 60 miles in 3 hours. Find the car's average speed.

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



Find slope:

Name: _____

Period: _____

HW 2:1L

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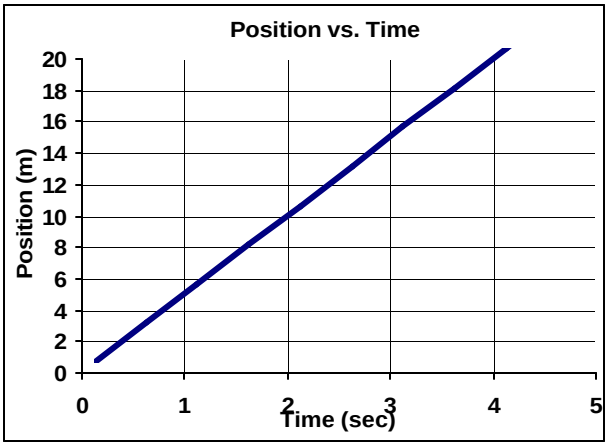

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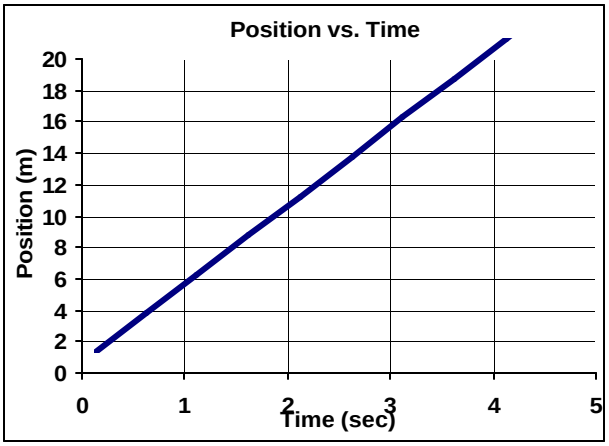

Find slope: