"AUTO"GRAPHS

Purpose: To introduce graph evaluation/prediction

Supplies: worksheet, transparency

Procedure:

- Copy the worksheet onto a transparency.

- Introduce the scenario: each graph represents the motion of a car (automobile). Write a plausible story about what the auto is doing in each graph. (Work in pairs.)

- Share stories. Discuss variations—why the differences? Are there any consistencies? (ex.: positive slopes=increases in speed, negative slopes=decreases in speed)

Extension:

- Have students draw their own "auto"graph then trade and write their prediction.

- Draw/predict graphs for different scenarios: fishing, running, stocks/banking.

- Play inspirational music in the background: Beach Boys' "Little Old Lady from Pasadena" or "Little Deuce Coupe," theme to "Speed Racer," or "Greased Lightning."
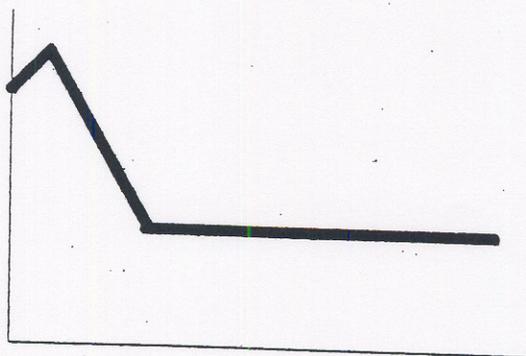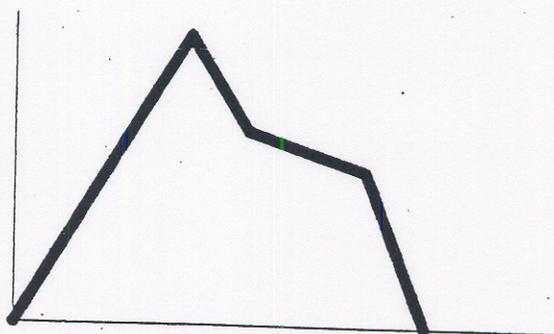
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SPEED OF CAR

TIME

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