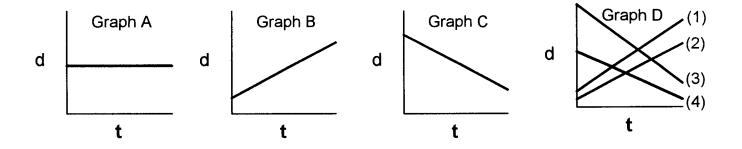
## Action Physics Chapter 2 Quiz b – Interpreting Graphs of Motion

Name\_

Darken in the correct answer(s) after each question.



- 1. Which graph represent a student walking at constant speed away from the motion sensor? (A) (B)
- 2. Which graph represents a student standing still?? () (B) (C)
- 3. Which graph represent a student walking at constant speed toward the motion sensor. ? (A) (C)

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- 4. The following questions refer to Graph D.
  - a. Which line on graph D represents a person moving toward the detector with the lesser speed? 🍘 (2) (3) (4)
  - b. Which line on graph D represents a person moving away from the detector with the lesser speed? (1) (2) (4)
  - c. Which line on graph D represents a person moving away from the detector with the greatest speed? (1) (3) (4)
  - d. Which line on graph D represents a person moving toward the detector with the greatest speed? (1) (2) (3)
- 5. What else can be determined from a distance vs time graph?

HOW SHOOTH THE WALK WHERE LOCATED DISTANCE TRAVELED WHERE STARTED

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