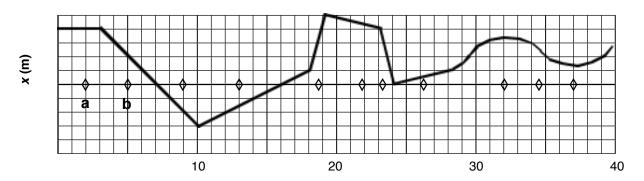## PhyzJob:
Little Dudes Ride Again I

1. In *Little Dudes I,* we learned how to plot position *vs.* clock reading graphs for our little dudes. We also learned that the slope of the line formed by plotting position *vs.* clock reading had a very specific meaning.
a. What was it? (Write a complete statement in words.)

b. Write an algebraic statement with the terms Δx, Δt, and *v* that has the same meaning as the statement above.

2. Apply the finding above to determine the velocity of the body whose position *vs.* clock reading is shown in each case below at each of the clock readings indicated.

a. 2.0 s

b. 5.0 s

c. 9.0 s

d. 13.0 s

e. 18.7 s

f. _____ s

g. _____ s

h. _____ s

i. _____ s

j. _____ s

k. _____ s

3. Use the information above to plot the velocity *vs.* clock reading graph for the body for the first 28 seconds of its motion. (We will learn to plot the remainder of the velocity graph in a future unit.)

8/12/15   **db**