

PhyzJob: Little Dudes Ride Again I

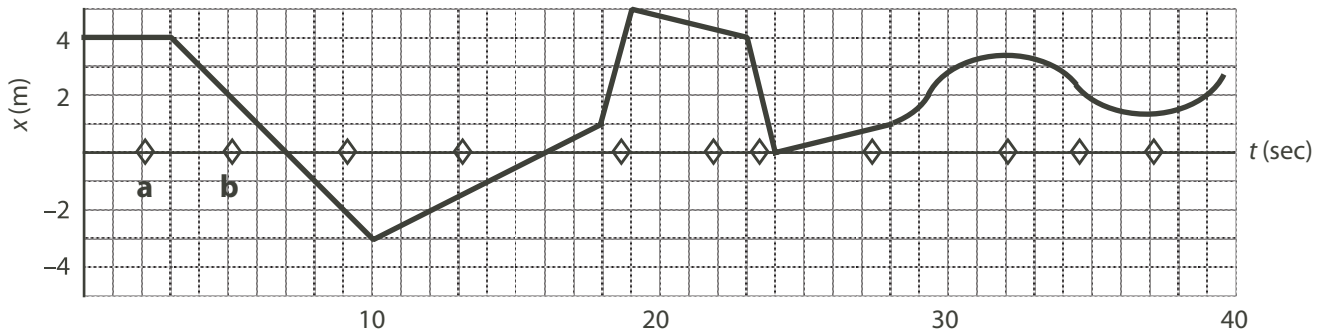


1. In *PhyzJob: Little Dudes I*, we learned how to plot position vs. clock reading graphs for our little dudes. We also learned that the slope of the line formed by plotting position vs. clock reading had a very specific meaning. □

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. 2.0s

e. 18.7s

i. _____ s

b. 5.0s

f. _____ s

j. _____ s

c. 9.0s

g. _____ s

k. _____ s

d. 13.0s

h. _____ 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.)

