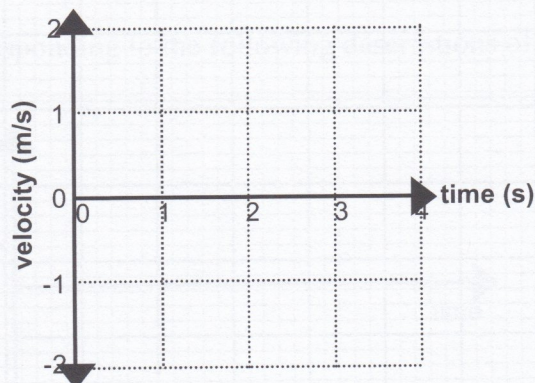
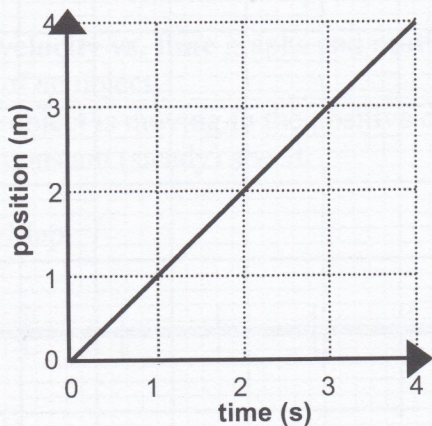
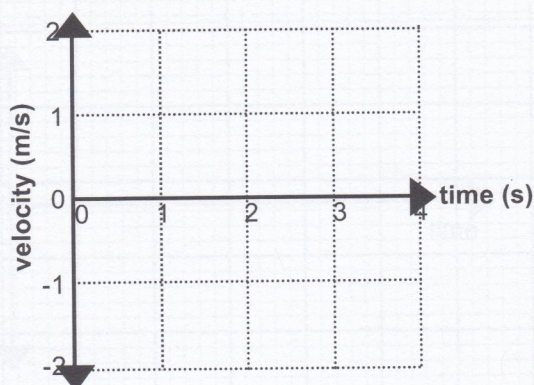
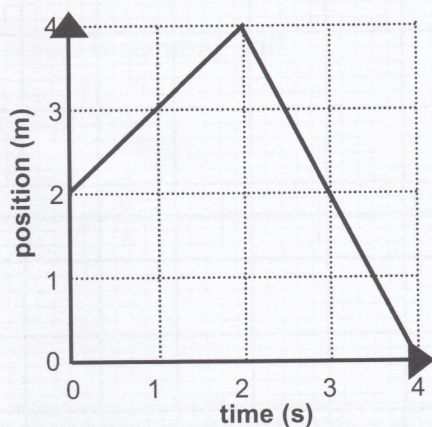


Draw the velocity vs time graphs for an object whose motion produced the position vs time graphs shown below at left.

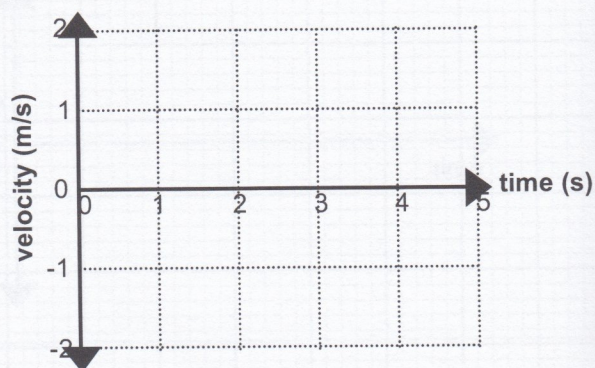
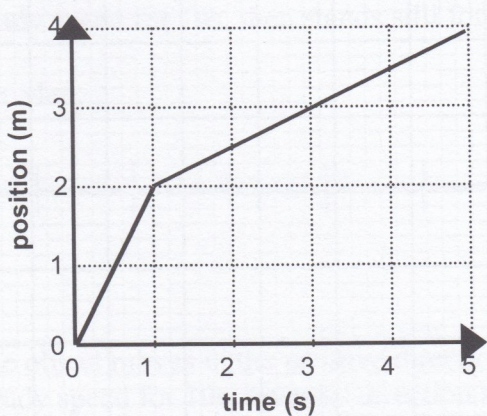
5.



6.



7.



8. For many graphs, both the **slope** of the line and the **area** between the line and the horizontal axis have physical meanings.

a. What does the slope of a position time graph tell you about the motion of an object?

b. Looking at the velocity time graphs, determine the units for a square of area on the graph.