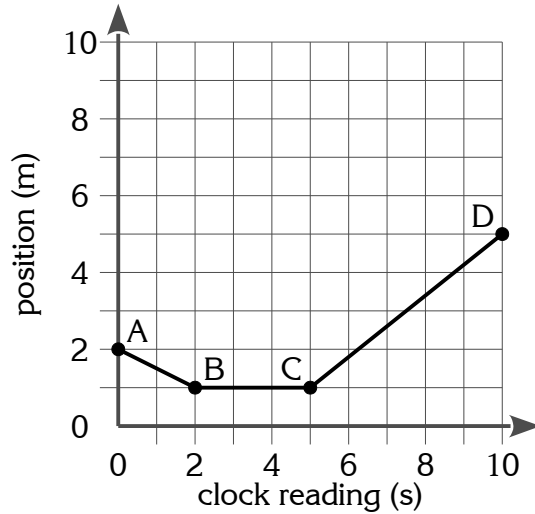
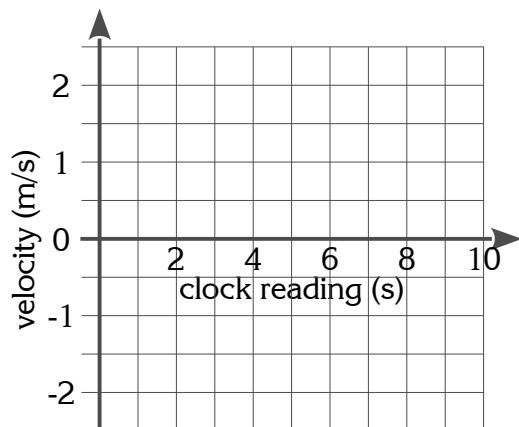


Average Velocity and v-t Graphs

As Trogdor rampaged across the countryside, burninating the peasants, the following data were collected:



1. What is the velocity during each of the three “pieces” of Trogdor's motion? (That is, for segment AB, segment BC, and segment CD?)
2. What is the average of these three velocities?
3. What velocity would you find for Trogdor if you only had data for points A and D?
4. Fill in the table with the velocities you found above, and then make a graph of Trogdor's velocity vs. time:



Segment	Timespan	Velocity
AB	0 s to 2 s	
BC	2 s to 5 s	
CD	5 s to 10 s	

In each pair of graphs, draw a velocity graph that matches the position graph.

