2. In a second trial, the timer started her watch a bit sooner. The following data were obtained:

t (s)	x (m)
0.0	4.0
2.0	10.0
4.0	16.0
6.0	22.0
8.0	28.0
10.0	34.0
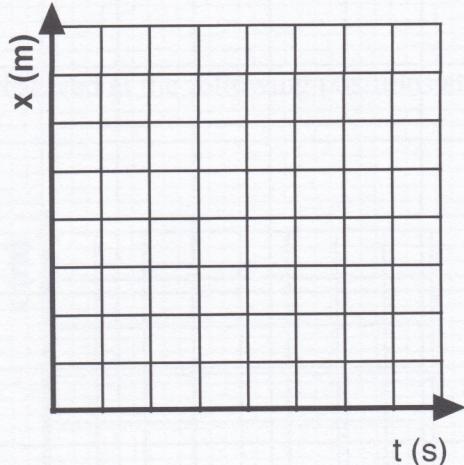
a. Plot the position vs. time graph for the skater.

b. How far from the origin was the skater at t = 5.0s? How do you know?

c. Was the skater's speed constant? If so, what was it?

d. In the first trial, the skater was further along at 2s than he was in the second trial. Does this mean that he was going faster? Explain your answer.