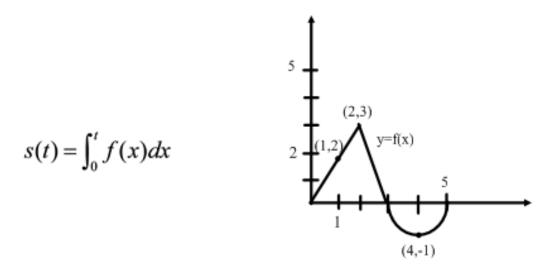
Extra 5.4 Review



Answer the following questions based on the above information.

- a) What is the particle's position at t=1?
- b) What is the particle's velocity at t=2?
- c) When is the acceleration zero?
- d) At what time during the 5 seconds does s have it's largest value?

Answers

- a) s(1) = 1 [area from 0 to 1]
- b) v(2) = f(2) = 3 [just look at the graph]
- c) at 4 sec [a(4) = 0 since f(x) has a horizontal tangent at 4]
- d) at 3 sec [largest positive area = most distance]