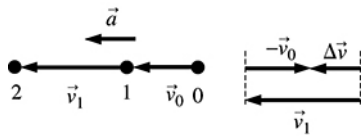


**1.9. Solve: (a)** Acceleration is found by the method of Tactics Box 1.3. Let  $\vec{v}_0$  be the velocity vector between points 0 and 1 and  $\vec{v}_1$  be the velocity vector between points 1 and 2.



**(b)** Speed  $v_1$  is greater than speed  $v_0$  because more distance is covered in the same interval of time.