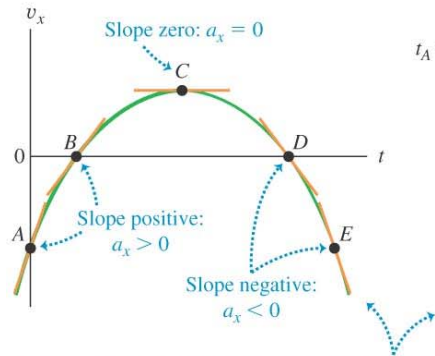


(a)  $v_x$ - $t$  graph for an object moving on the  $x$ -axis



The steeper the slope (positive or negative) of an object's  $v_x$ - $t$  graph, the greater is the object's acceleration in the positive or negative  $x$ -direction.

Copyright © 2008 Pearson Education, Inc., publishing as Pearson Addison-Wesley.

(b) Object's position, velocity, and acceleration on the  $x$ -axis

