Example

 A ball rolling on a level track travels at almost a constant velocity. Assuming it takes a negligible time to get up to speed, what does the graph of its position look like as a function of time?



(7) other



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 A ball rolls is rolling at a constant speed along a horizontal track as shown.
It comes to a hill and has enough speed to get over it. By thinking about its speed as it goes, sketch a graph of the <u>position</u> of the ball as a function of time.





(7) other



Example

 A ball rolls is rolling at a constant speed along a horizontal track as shown.
It comes to a hill and has enough speed to get over it. By thinking about its speed as it goes, sketch a graph of the <u>velocity</u> of the ball as a function of time.

