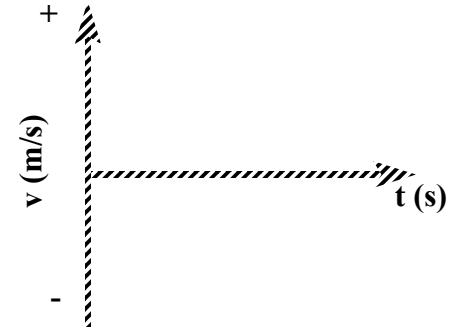


You Tube Physics

1. Go to:
http://www.youtube.com/watch?v=t42JlWPoc_o&feature=r
 elated

A Bugati Veyron accelerates from rest to 26 m/s in 2.3 seconds.

a) What is the acceleration of the car?



b) What is the car's displacement during this time?

2. Go to:
<http://www.youtube.com/watch?v=S2oymHHyV1M>

A red hartebeest spies a mountain biker and takes off from rest, accelerating at a rate of 2.0 m/s^2 .

If the cyclist is 16 m away, how fast will he be going when he takes out the cyclist?

