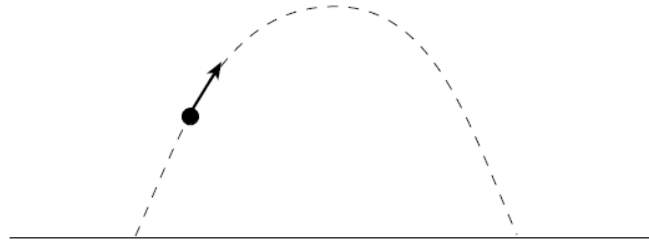


Physics 12 Review #13

1.

The diagram below shows projectile motion in the absence of friction.



This motion can be analyzed in terms of horizontal and vertical velocity components. Explain the behavior of these velocity components, using principles of physics . **(4 marks)**