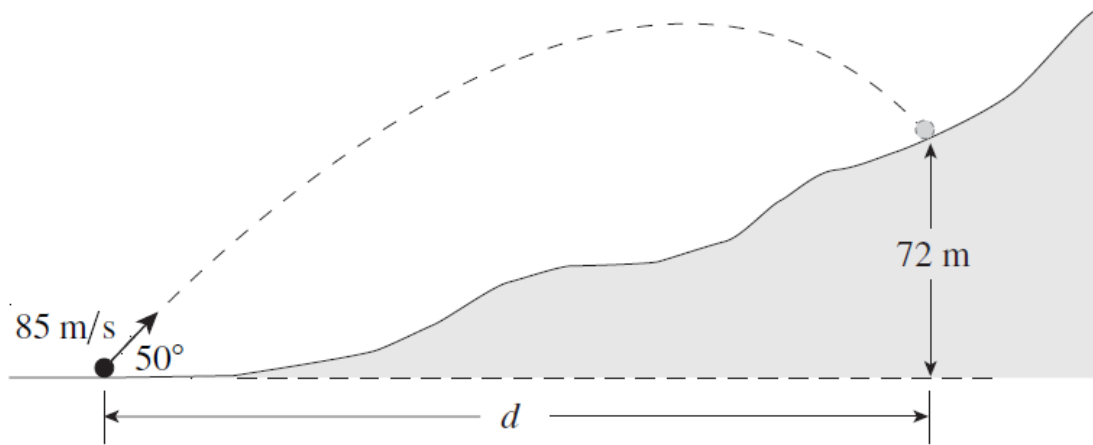


Physics 12 Review #13

1.

A cannon ball is launched at 85 m/s , 50° above the horizontal, towards a hill as shown.



What horizontal distance d does the cannon ball travel before it impacts the hillside?
(Ignore friction.)