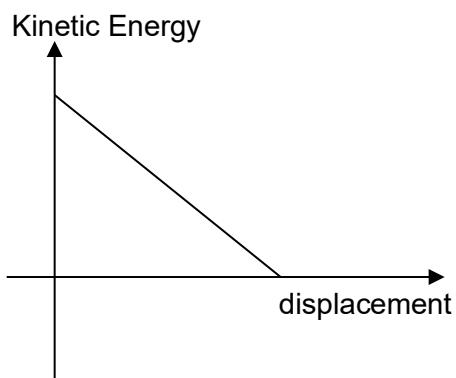
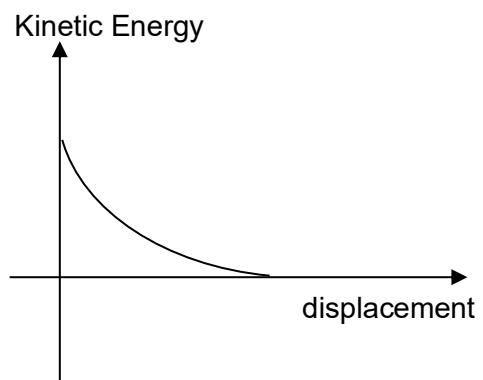


- 3 A block is projected at a certain speed up a frictionless slope. Which of the following graphs correctly shows the relationship between the kinetic energy of the block and the displacement of the block along the slope after its point of projection?

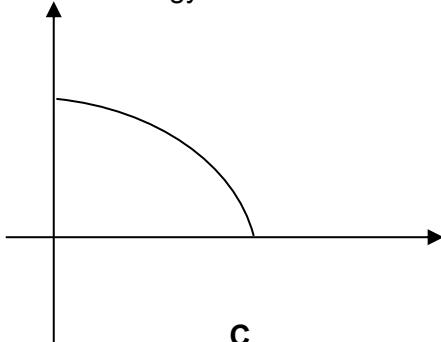
A



B



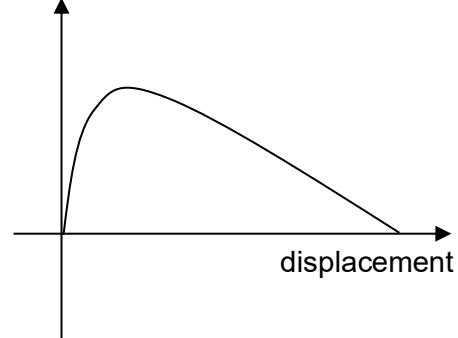
Kinetic Energy



C

D

Kinetic Energy



displacement

