

P11 - 6.2 - Energy Hmk

What is the kinetic energy of a 20 kg object moving at 12 m/s?

What is the kinetic energy on a 4 kg object moving at 280 m/s?

What is the potential energy of an object of 10 kg 20 m above the ground?

What is the potential energy of a 15 kg object 2000 m above the ground?

A 5 kg object is dropped from 20 m. What is the total energy at the top. What is the kinetic energy and velocity and potential energy at 15 m? What is the kinetic energy and velocity and potential energy before impact?

P11 - 6.2 - Law Of Conservation Of Energy Hmk

What is the final velocity before impact and time in flight of a 10 kg ball if dropped from 20 m?

What is the final velocity before impact and time in flight of a 50 kg ball dropped from 18 m?

P11 - 6.2 - Energy Work Mom. Dyn. Kin Link Hmk

What is the final velocity of an 8 kg object initially at rest with the force of 20 newtons over a distance of 20 m?

What is the object's acceleration?

How long did it take?

What is the final momentum of the ball?

What is the final velocity of a 12 kg object initially at rest, with the force of 80 N over a distance of 20 m?

What is the object's acceleration?

How long did it take?

What is the final momentum of the ball?