

Answer on Question #42466 - Physics - Mechanics | Kinematics | Dynamics

What changes do you notice when

1) steel ball

2) cue ball

3) bouncy ball

4) tennis ball

are falling from a same distance on a hard metal plate. Which one will ascend the maximum height?

Solution:

Most elastic and smallest ball will jump to the maximum height. This may be tennis or bouncy ball, depending on the parameters.