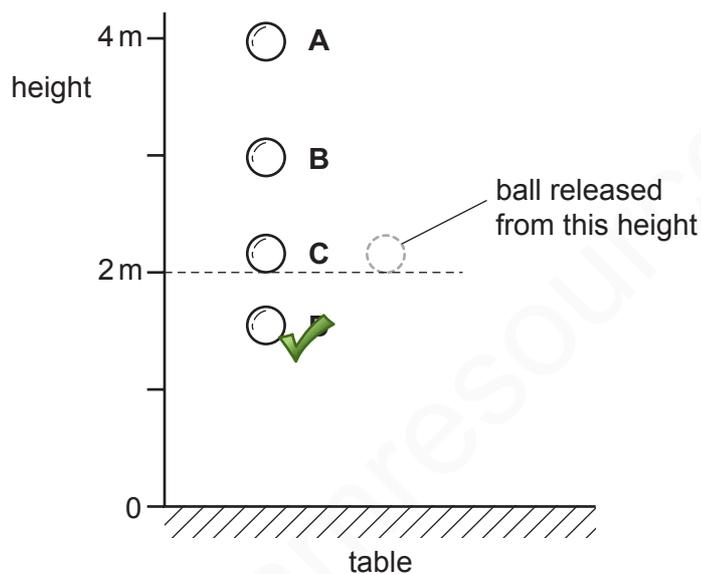


ENERGY CONVERSION SET -3

IDENTIFYING THE HIGHEST DISTANCE REACHED AFTER ENERGY CONVERSION-SET-1

- 1** A rubber ball is dropped from a height of 2m on to a table.
Whilst in contact with the table, some of its energy is converted into internal energy.
What is the highest possible point the ball could reach after bouncing?



- 2** A ball is released from rest and rolls down a track from the position shown.
What is the furthest position the ball could reach?

