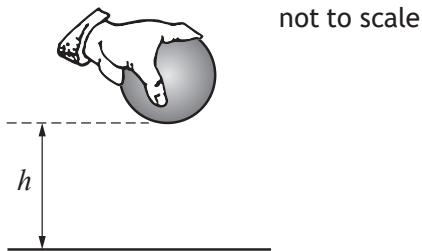


1. A specially adapted ball has an electronic timer, which starts to time when the ball is released and stops timing when the ball strikes a surface.



The ball is dropped from rest through a height  $h$  onto a hard surface.

The time recorded on the ball is 0.40 s.

The effects of air resistance can be ignored.

The height  $h$  is

- A 0.20 m
- B 0.78 m
- C 1.56 m
- D 1.96 m
- E 3.92 m.