

- 2** A photographer wishes to check the time for which the shutter on a camera stays open when a photograph is being taken. It is found that before the shutter opens, the ball falls 2.5 m from rest. During the time that the shutter remains open, the ball falls a further 0.12 m.

What is the time that the shutter remains open?

A 0.017 s

B 0.16 s

C 0.71 s

D 0.73 s