

- 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