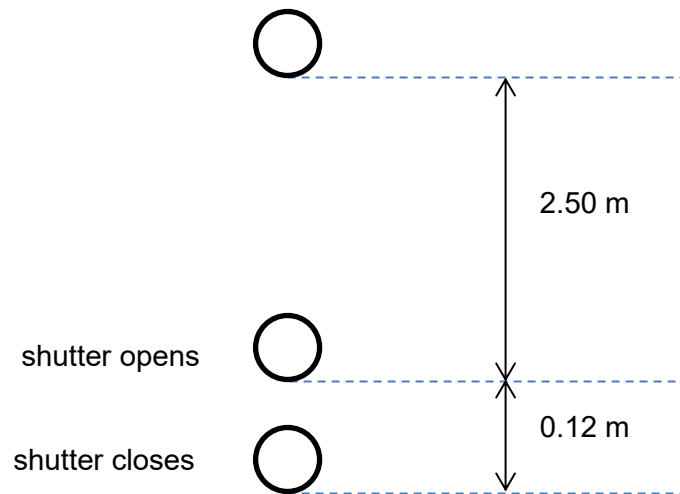


- 2** A photographer wishes to check the time for which the shutter on a camera stays open when a photograph is being taken. It is found that before the shutter opens, the ball falls 2.50 m from rest. During the time that the shutter remains open, the ball falls a further 0.12 m as illustrated.



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