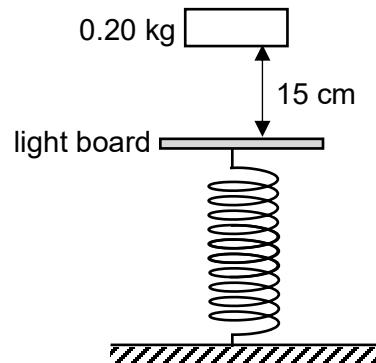


- 9** A block of mass 0.20 kg is dropped from a height of 15 cm above a light spring of spring constant 85 N m^{-1} , as shown below. The block lands on a light board and compresses the spring.



Determine the maximum compression of the spring.

- A** 2.3 cm **B** 4.6 cm **C** 8.3 cm **D** 11 cm