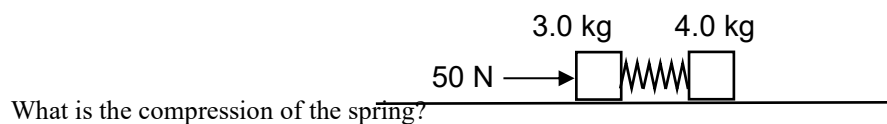


- 6 A 3.0 kg mass is connected to a 4.0 kg mass by a light spring with a spring constant of 250 N m^{-1} . The masses rest on a smooth floor. The two masses are moving with the same acceleration due to a constant horizontal force of 50 N applied on the 3.0 kg mass.



- A** 0.11 m **B** 0.14 m **C** 0.20 m **D** 0.22 m

