

- 17** An object placed on a horizontal platform is oscillating vertically in simple harmonic motion with a frequency of 1.5 Hz.

What is the maximum amplitude of oscillation that will allow the object to remain in contact with the platform throughout the motion?

- A** 0.11 m **B** 1.0 m **C** 6.5 m **D** 9.0 m

- 18** A block is attached to a spring. At a certain time, the block is at the rightmost point of its oscillation.