

18 A standing wave is set up on a rope of length 1.0 m fixed at both ends.

Which statement is correct?

A A harmonic of wavelength 0.40 m may be set up on the rope.

B There are five nodes on the rope for the 5th harmonic.

C The fundamental mode has a wavelength of 1.0 m.

D The midpoint of the rope is always stationary.