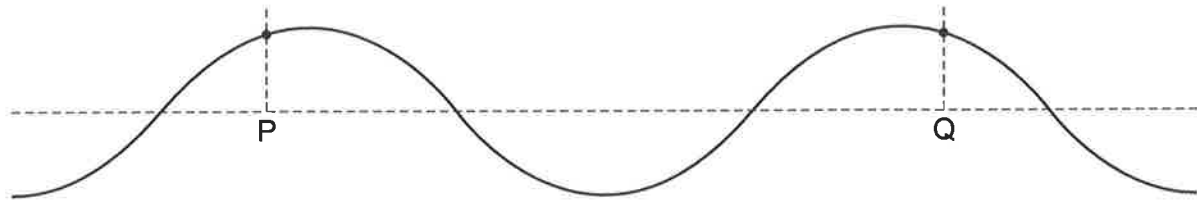


- 16 The diagram shows a section of a string under tension carrying a sinusoidal transverse wave. The horizontal dotted line is the undisturbed position of the string.



What is the phase difference between the oscillations at points P and Q along the string? (You are expected to measure relevant distances.)

- A** 0.9rad **B** 1.4rad **C** 2.0rad **D** 3.6rad

17 Two sinusoidal waves of different frequencies, one having twice the amplitude of the other, are superposed