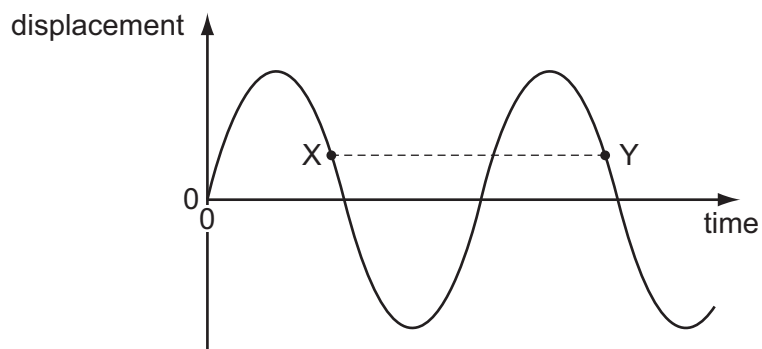


26 A transverse progressive wave is set up on a string.

The graph shows the variation with time of displacement for a point on this string.



The separation XY on the graph represents the1..... of the wave.

X and Y have equal2..... .

Which words correctly complete gaps 1 and 2?

| | 1 | 2 |
|----------|-------------|---------------|
| A | time period | amplitudes |
| B | time period | displacements |
| C | wavelength | amplitudes |
| D | wavelength | displacements |

27 If a wave can be polarised, it **must** be

- A** a longitudinal wave.
- B** an electromagnetic wave.
- C** a sound wave.
- D** a transverse wave.

Space for working