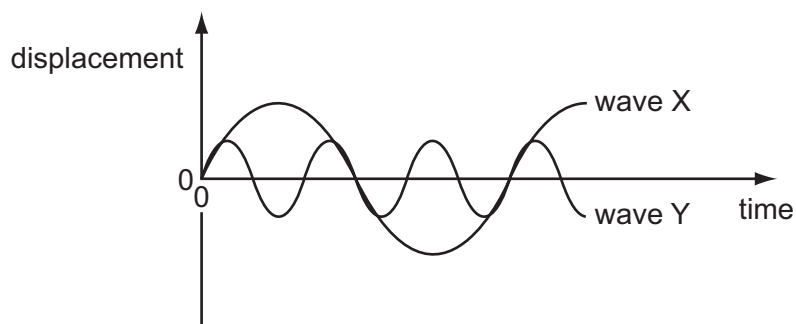


25 The diagram shows two waves X and Y.



Wave X has amplitude 8 cm and frequency 100 Hz.

What are the amplitude and the frequency of wave Y?

| | amplitude / cm | frequency / Hz |
|----------|----------------|----------------|
| A | 2 | 33 |
| B | 2 | 300 |
| C | 4 | 33 |
| D | 4 | 300 |

26 What is correct for all transverse waves?

- A** They are all electromagnetic.
- B** They can all be polarised.
- C** They can all travel through a vacuum.
- D** They all involve the oscillation of atoms.

Space for working