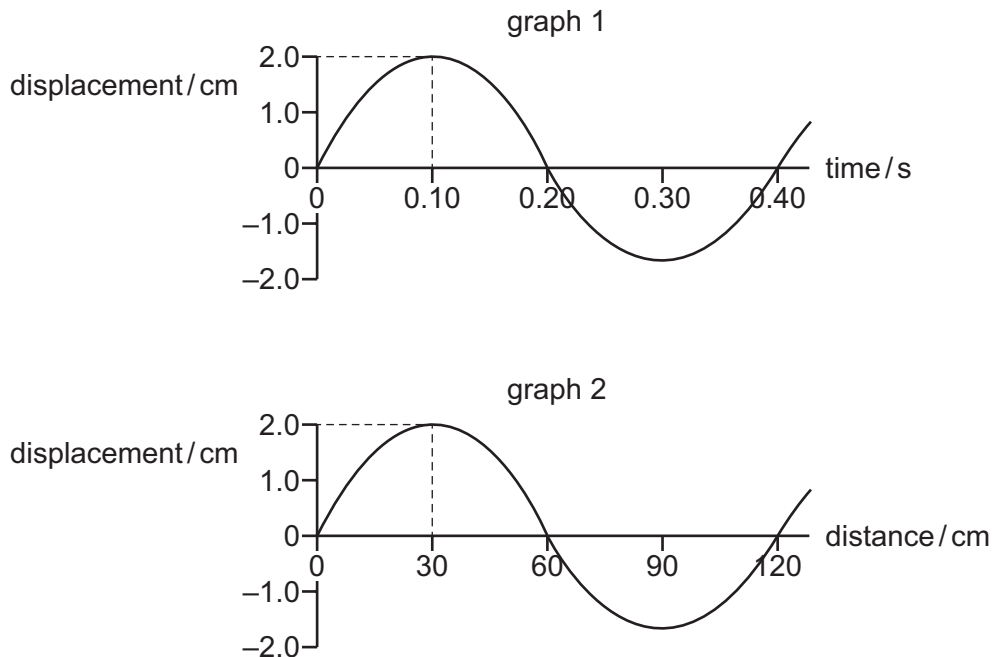


- 21** Graph 1 shows the variation with time of displacement at a fixed distance along a progressive wave.

Graph 2 represents the same wave and shows the variation with distance of displacement at an instant in time.



What is the speed of the wave?

- A**  $5.0 \text{ cm s}^{-1}$       **B**  $48 \text{ cm s}^{-1}$       **C**  $150 \text{ cm s}^{-1}$       **D**  $300 \text{ cm s}^{-1}$