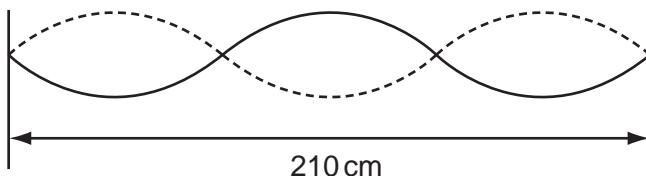


**26** A stationary wave of frequency 80.0 Hz is set up on a stretched string of length 210 cm.



What is the speed of the waves that produce this stationary wave?

- A**  $56.0 \text{ ms}^{-1}$       **B**  $112 \text{ ms}^{-1}$       **C**  $5600 \text{ ms}^{-1}$       **D**  $11200 \text{ ms}^{-1}$

**Space for working**