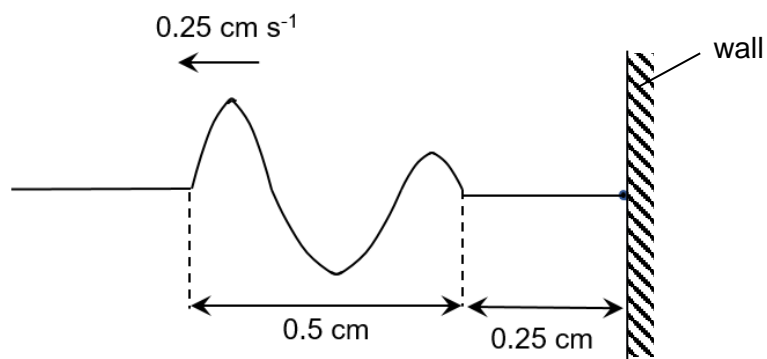


- 16** A rope is rigidly fixed to a wall. A wave pulse of length  $0.5\text{ cm}$  moves at a constant speed of  $0.25\text{ cm s}^{-1}$  along the rope towards the wall and is reflected back.

The figure below shows the waveform at time  $t = 4\text{ s}$ .



Which of the following correctly shows the waveform at  $t = 0\text{ s}$ ?

