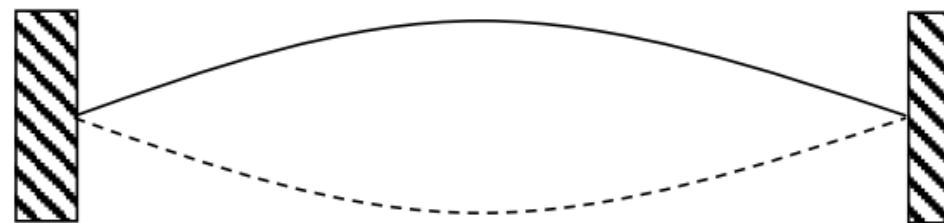


- 12 A wire is stretched between two supports and plucked. A stationary wave is formed as shown.



Given that the frequency of the stationary wave shown above is f , what is the next possible frequency for a stationary wave to be formed in the setup?

- A $2f$ B $3f$ C $\frac{1}{2}f$ D $\frac{3}{2}f$

- 13 Two monochromatic radiations X and Y of wavelengths λ_1 and λ_2 , respectively, are incident