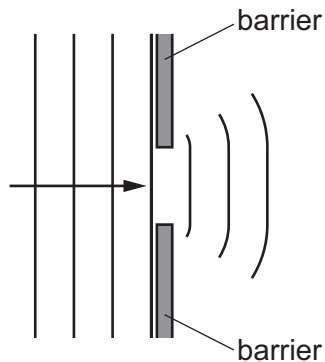


- 28** A wave on the surface of water passes through a gap between two barriers and is diffracted, as shown.



What happens when the frequency of the wave is halved?

- A** Less diffraction is observed.
- B** More diffraction is observed.
- C** There is no diffraction.
- D** The same amount of diffraction is observed.