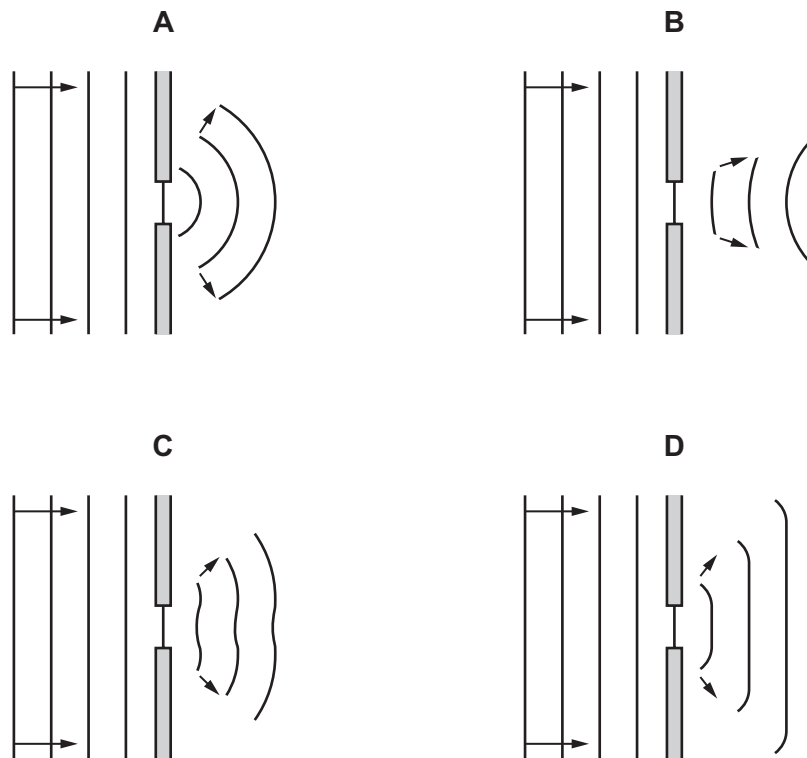


**28** Water waves in a ripple tank are made to pass through a small gap as shown.

Which diagram shows the waves after they have passed through the gap?



**29** A double-slit interference experiment is set up using green light.

A pattern of interference fringes is formed on a screen.

Which single change will increase the separation of the fringes?

- A** increase the width of each slit
- B** move the screen nearer to the double slit
- C** use slits that are further apart
- D** use red light instead of green light