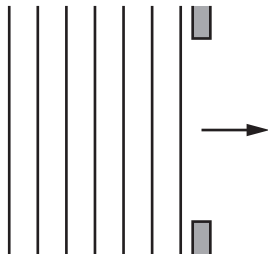


**27** In an experiment, water waves in a ripple tank are incident on a gap, as shown.



Some diffraction of the water waves is observed.

Which change to the experiment would provide a better demonstration of diffraction?

- A** Increase the amplitude of the waves.
- B** Increase the frequency of the waves.
- C** Increase the wavelength of the waves.
- D** Increase the width of the gap.