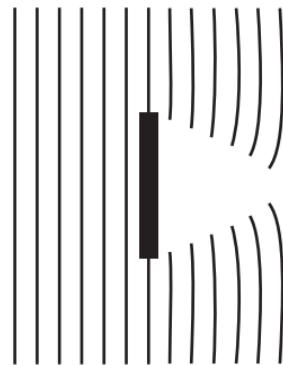
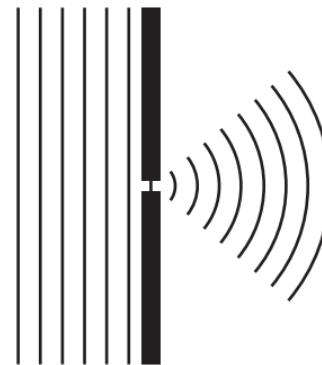


27 Diagrams X and Y show the passage of water waves around an obstacle and through a gap.

The thick lines are barriers to the waves and each thin line represents a wavefront.



X



Y

Which statement is correct?

- A** Diagrams X and Y both illustrate diffraction.
- B** Diagrams X and Y both illustrate interference.
- C** Only diagram X illustrates interference.
- D** Only diagram Y illustrates diffraction.