**9** The wavefront diagrams show consecutive waves approaching gaps of different sizes.
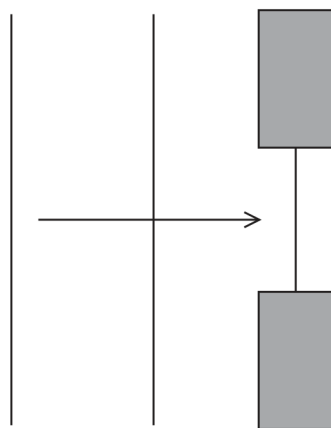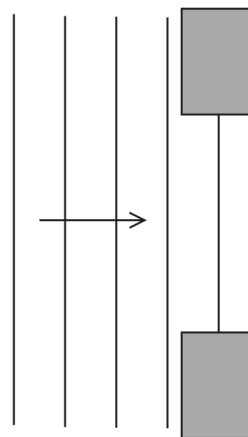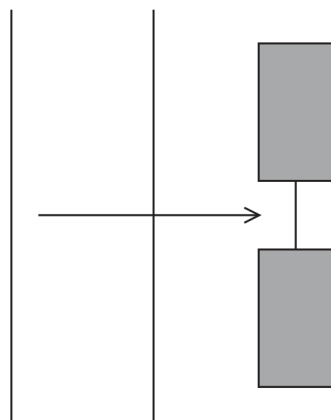

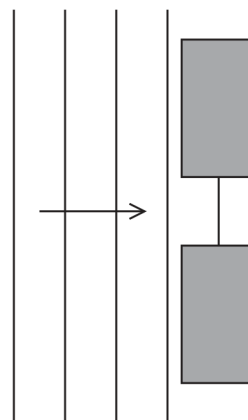
A



B



C



D

The wavefronts diffract as they pass through each gap.

In which diagram will the diffracted wavefronts **not** be semicircular?

☒ A

☒ B

☒ C

☒ D

**(Total for Question 9 = 1 mark)**