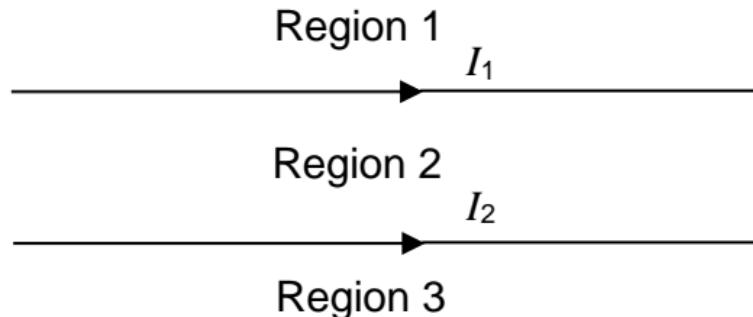


- 24** Two long and parallel wires carrying currents in the same direction separate the surrounding space into three regions 1, 2 and 3, as shown.



In which region(s) can there be a neutral point (i.e., a point of zero magnetic field)?

- A** Region 2 only
- B** Both regions 1 and 3.
- C** Either region 1 or region 3 but not both.
- D** There are no neutral points.