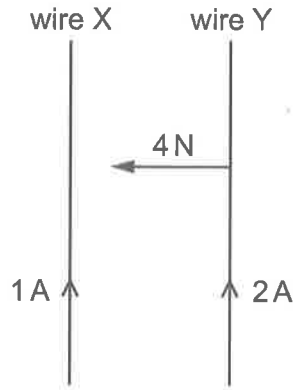


- 25** Two parallel wires X and Y carry currents 1 A and 2 A respectively.

Wire X exerts a force of 4 N on wire Y, as shown.



What is the force on wire X due to wire Y?

- A** 4 N to left
- B** 4 N to right
- C** 8 N to left
- D** 8 N to right

26 A charged particle moving in a uniform magnetic field is deflected. If the field is doubled, the deflection is