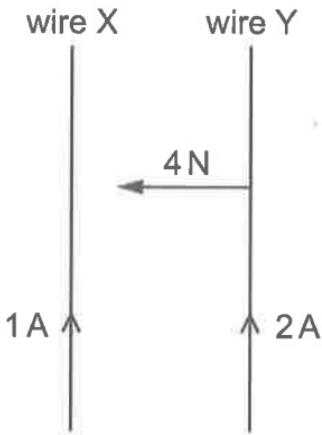


25 Two parallel wires X and Y carry currents 1 A and 2 A respectively.

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 P is a charged particle moving in a uniform magnetic field. If v is the speed of P, then the force on P is proportional to