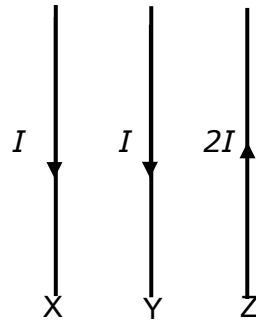


- 22 The diagram shows three wires X, Y and Z that are equally spaced from each other. The current running through each wire is as shown.



The magnitude of the magnetic force exerted by wire X on Y is F .

What is the magnitude and direction of the resultant magnetic force exerted on wire Y?

- A** F , rightwards **B** F , leftwards **C** $2F$, leftwards **D** $3F$, leftwards

