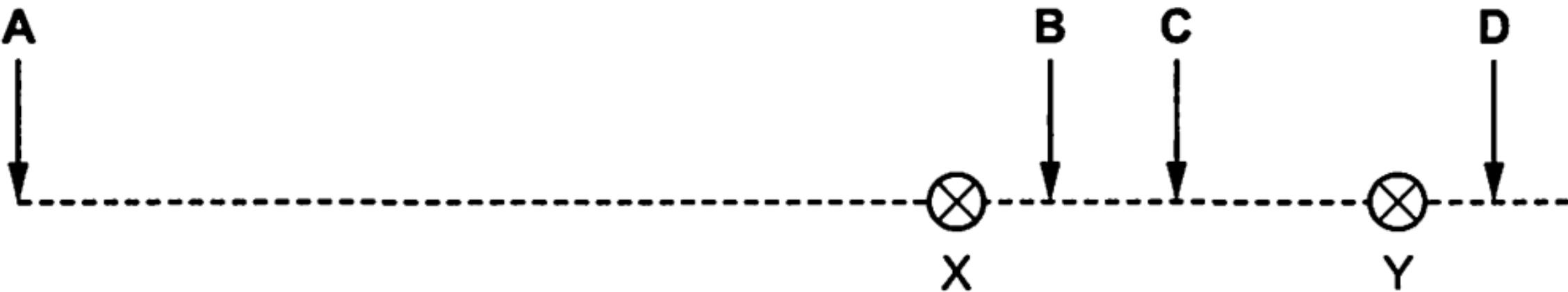


26 Two parallel wires X and Y carry equal currents vertically down into the paper.

At which point must a third current-carrying wire be placed so that it experiences the minimum force due to the resultant magnetic field caused by the currents in X and Y?



27 The photoelectric effect is the emission of light of constant frequency from a metal surface.