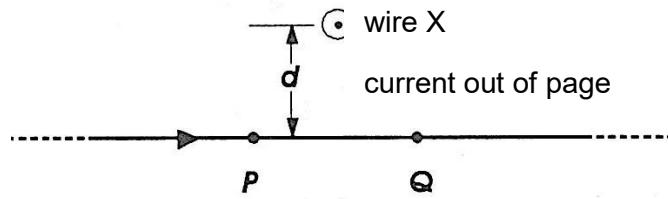


- 23 Two long straight wires X and Y are placed perpendicular to each other at a distance d apart. A current flows out of the page in wire X while a current flows from left to right in wire Y.

What are the directions of the forces acting on wire Y at points P and Q due to the magnetic field produced by wire X?



	force at P	force at Q
A	out of page	into page
B	into page	out of page
C	towards X	away from X
D	towards X	towards X