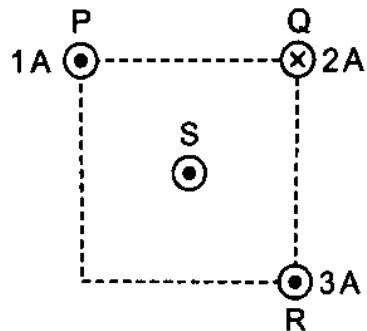


- 23 The diagram below shows a horizontal plane through which four long straight vertical wires pass.



Wires P, Q and R are at three corners of a square and wire S is at the centre.

Wire P carries a current of 1 A out of the paper. Wire Q carries 2 A into the paper. Wire R carries 3 A out of the paper. Wire S carries a current out of the paper.

Which one of the arrows below shows the direction of the force on wire S?

