GATE

December 11, 2023

1. On a planar field, you travelled $3units$ East from a point O. Next you travelled $4units$ South to arrive at point P. Then you travelled from point P in the North-East direction such that you arrive at a point that is $6units$ East of point O. Next, you travelled in the North-West direction, so that you arrive at point Q that is $8units$ North of point P.

The distance of point Q to point O, in the same $units$, should be

(A) 3
(B) 4
(C) 5
(D) 6