

5. If $(5,1)$ is a point on the graph of $r=a(q)$, which of the following points must be on the graph of $r=-a(q)$?

$(1,5)$

$(1,-5)$

$(5,-1)$

$(-5,1)$

Solution

The point that must be on the graph of $r=-a(q)$ is $(5,-(1)) = (5,-1)$