5. If $(3,5)$ is a point on the graph of $r=q(z)$, which of the following points must be on the graph of $r=-q(z)$?

$(5,3)$

$(5,-3)$

$(3,-5)$

$(-3,5)$

Solution

The point that must be on the graph of $r=-q(z)$ is $(3,-(5)) = (3,-5)$