

7. If $(2,4)$ is a point on the graph of $r=h(z)$, which of the following points must be on the graph of $r=-h(z)$?

$(4,2)$

$(4,-2)$

$(2,-4)$

$(-2,4)$

Solution

The point that must be on the graph of $r=-h(z)$ is $(2,-(4)) = (2,-4)$