1. If $(6,3)$ is a point on the graph of $r = z(m)$, which of the following points must be on the graph of $r = -z(m)$?

$(3,6)$

$(3,-6)$

$(6,-3)$

$(-6,3)$

Solution

The point that must be on the graph of $r = -z(m)$ is $(6, -(3)) = (6,-3)$