

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

$(4,2)$

$(4,-2)$

$(2,-4)$

$(-2,4)$

**Solution**

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