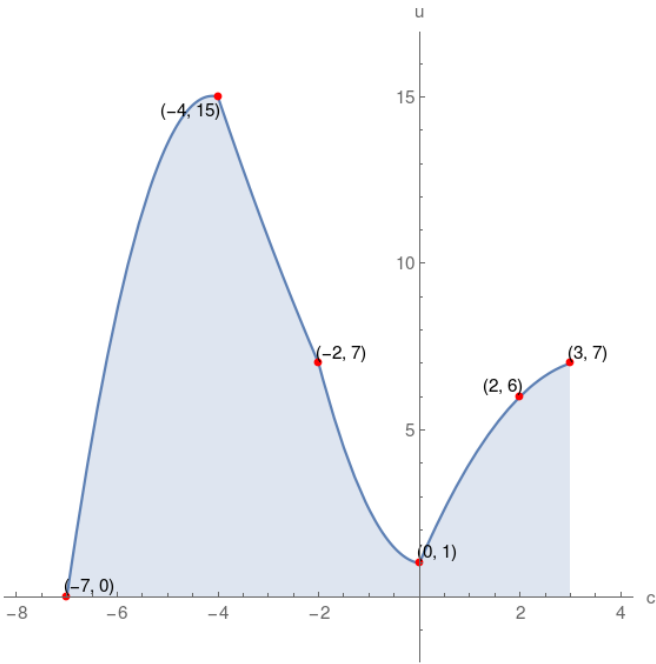


4. Given the graph of function u , which of the following choices is correct?



$u(0)$ is negative	$u(-4)=16$	domain of $u = [-7, 3]$
c-intercept = $(-7, 0)$	u-intercept = $(0, 1)$	$u(3)=7$
range of $u = [0, 15]$	$u(-7)$ is zero	$u(-2)=7$

range of $u = [-1, 14]$	$u(-7)=0$	$u(-2)=7$
c-intercept = $(-7, 0)$	$u(-4)$ is positive	$u(2)$ is positive
u-intercept = $(0, 1)$	domain of $u = [-6, 4]$	$u(3)=7$

$u(0)$ is positive	$u(-4)=15$	$u(-7)=0$
c-intercept = $(-7, 0)$	$u(-2)$ is positive	u-intercept = $(0, 1)$
$u(3)=7$	domain of $u = [-7, 3]$	range of $u = [0, 15]$

c-intercept = $(-7, 0)$	$u(-7)$ is zero	u-intercept = $(0, 2)$
range of $u = [0, 15]$	domain of $u = [-7, 3]$	$u(2)=6$
$u(-2)=6$	$u(3)=7$	$u(-4)$ is positive

Solution

