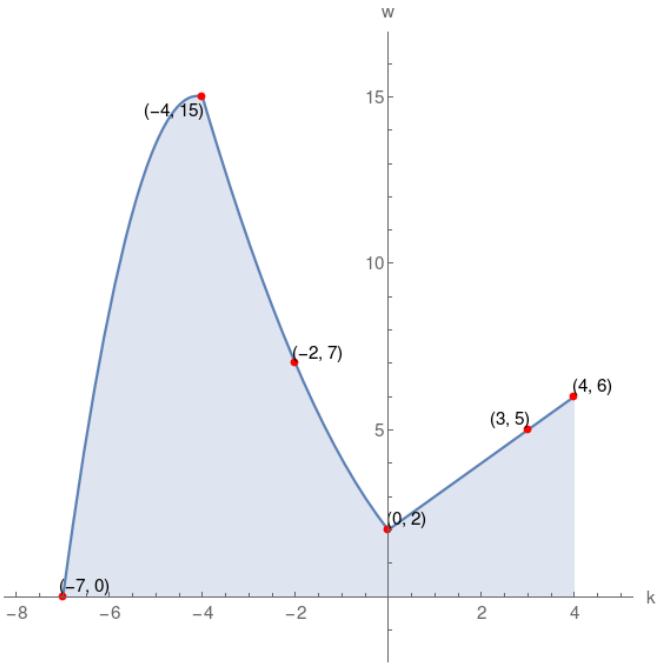


6. Given the graph of function  $w$ , which of the following choices is correct?



range of $w = [0, 15]$	$w$ -intercept = $(0, 2)$	$w(-4) = 15$
$w(3) = 5$	$w(-2)$ is negative	$k$ -intercept = $(-7, 0)$
domain of $w = [-7, 4]$	$w(-7) = 1$	$w(0)$ is negative

$w(-7)$ is negative	$w(0) = 2$	$w(-2)$ is positive
$w(3) = 5$	$w(-4) = 15$	$k$ -intercept = $(-7, 0)$
domain of $w = [-6, 5]$	$w$ -intercept = $(0, 2)$	range of $w = [-1, 14]$

$k$ -intercept = $(-7, 0)$	$w(0)$ is positive	$w(3) = 5$
$w(-4)$ is positive	$w(4) = 6$	range of $w = [0, 15]$
$w(-2) = 7$	domain of $w = [-7, 4]$	$w$ -intercept = $(0, 2)$

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

**Solution**

