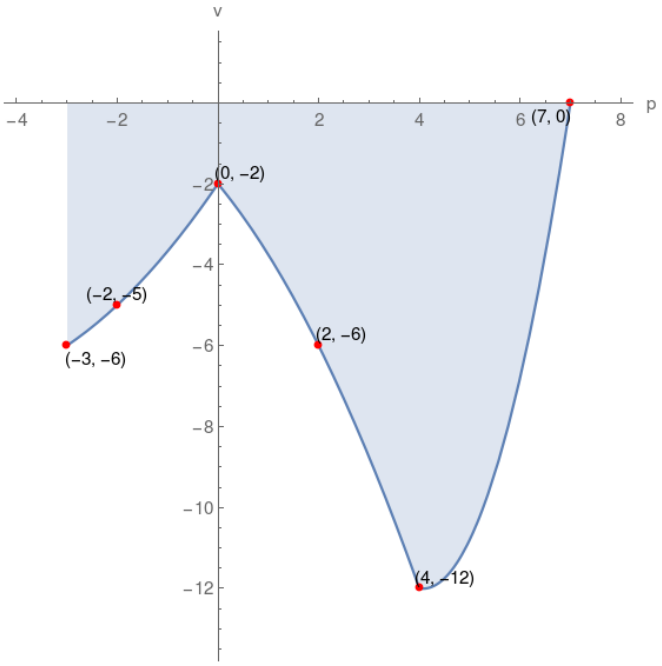
1. Given the graph of function v, which of the following choices is correct?



v(2) = −6	v(7) is zero	v-intercept = (0,−2)
p-intercept = (7,0)	v(−2) is negative	domain of v = [−3,7]
range of v = [−12,0]	v(4) = −12	v(−3) = −5

v(−2) is negative	v-intercept = (0,−2)	p-intercept = (7,0)
domain of v = [−2,8]	v(−3) = −6	range of v = [−13,−1]
v(4) = −12	v(0) is negative	v(7) = 0

v(0) is negative	v(−2) = −5	range of v = [−12,0]
domain of v = [−3,7]	v(7) = 0	p-intercept = (7,0)
v-intercept = (0,−2)	v(2) is negative	v(−3) = −6

domain of v = [−3,7]	v(−2) = −6	p-intercept = (7,0)
v(2) is negative	v(7) is zero	v-intercept = (0,−1)
v(4) = −12	v(0) = −2	range of v = [−12,0]

Solution