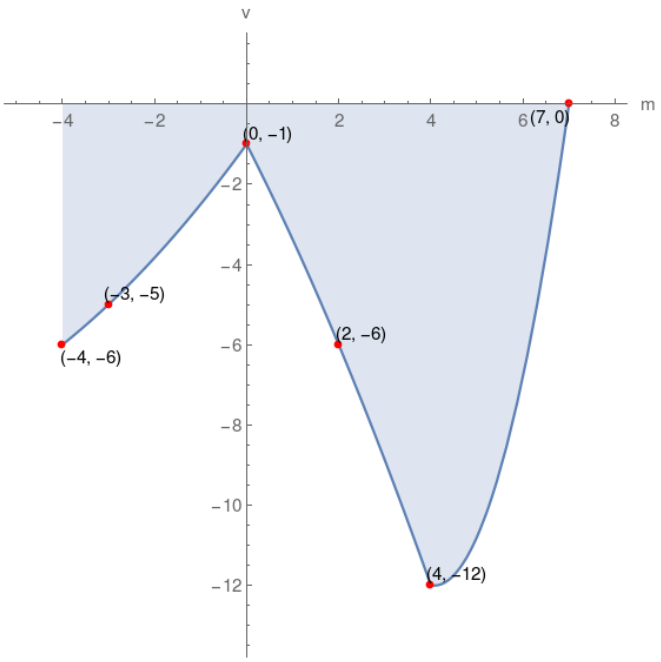
2. Given the graph of function v, which of the following choices is correct?



v(7) is zero	v(4) = −11	range of v = [−12,0]
v(2) = −6	v-intercept = (0,−1)	v(−3) is negative
domain of v = [−4,7]	v(−4) = −6	m-intercept = (7,0)

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

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

v(7) = 0	domain of v = [−4,7]	v-intercept = (0,0)
v(−4) = −7	v(0) is negative	v(4) = −12
v(−3) is negative	range of v = [−12,0]	m-intercept = (7,0)

Solution