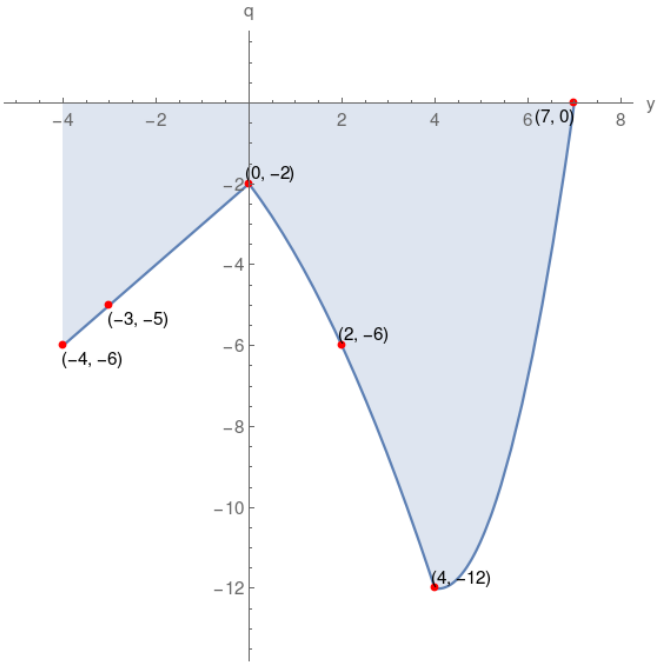
5. Given the graph of function q, which of the following choices is correct?



q(−3) is negative	q(4) = −12	q-intercept = (0,−2)
y-intercept = (7,0)	domain of q = [−4,7]	q(0) = −2
q(7) = 1	range of q = [−12,0]	q(−4) is positive

q(0) = −2	q-intercept = (0,−2)	range of q = [−13,−1]
y-intercept = (7,0)	q(7) is positive	q(−3) = −5
q(2) = −6	domain of q = [−3,8]	q(4) is negative

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

domain of q = [−4,7]	q(2) is negative	range of q = [−12,0]
q(0) = −3	q(−4) = −6	q(−3) = −5
q(4) is negative	y-intercept = (7,0)	q-intercept = (0,−1)

Solution