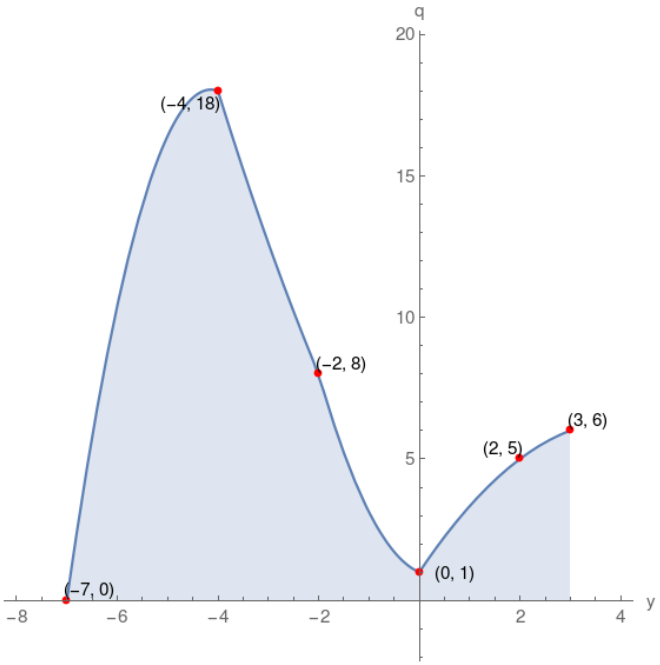
3. Given the graph of function q, which of the following choices is correct?



y-intercept = (−7,0)	domain of q=[−7,3]	q-intercept = (0,1)
q(−7)=1	range of q=[0,18]	q(3) is negative
q(−2)=8	q(0) is negative	q(2)=5

q(3)=6	q-intercept = (0,1)	range of q=[−1,17]
q(−2) is positive	q(0)=1	y-intercept = (−7,0)
q(−4)=18	q(2) is positive	domain of q=[−6,4]

q(0)=1	q(−7)=0	q-intercept = (0,1)
domain of q=[−7,3]	range of q=[0,18]	q(2) is positive
q(−4) is positive	q(−2)=8	y-intercept = (−7,0)

y-intercept = (−7,0)	q(2)=4	q(−7)=0
q(−2) is positive	q(3) is positive	q-intercept = (0,2)
domain of q=[−7,3]	q(0)=1	range of q=[0,18]

Solution