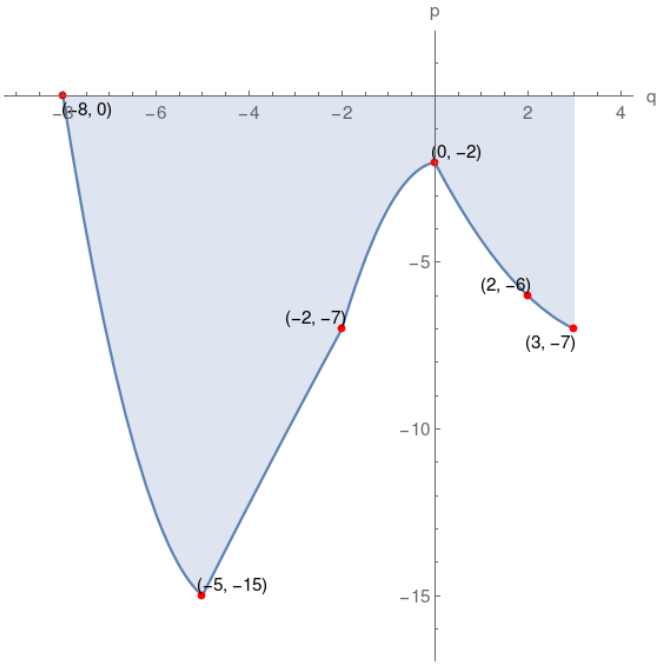
2. Given the graph of function p, which of the following choices is correct?



p(−2)=−6	domain of p=[−8,3]	p(−5)=−15
range of p=[−15,0]	p(−8) is zero	p(2) is positive
q-intercept = (−8,0)	p-intercept = (0,−2)	p(3)=−7

p(−8)=0	domain of p=[−7,4]	q-intercept = (−8,0)
p(2)=−6	p(−2) is negative	p(0)=−2
p(−5) is negative	range of p=[−16,−1]	p-intercept = (0,−2)

range of p=[−15,0]	p(3)=−7	q-intercept = (−8,0)
p(−8) is zero	p(−2) is negative	p(−5)=−15
p(0)=−2	p-intercept = (0,−2)	domain of p=[−8,3]

p(0) is negative	p(3)=−7	p(2) is negative
p-intercept = (0,−1)	range of p=[−15,0]	p(−5)=−15
domain of p=[−8,3]	p(−8)=−1	q-intercept = (−8,0)

Solution