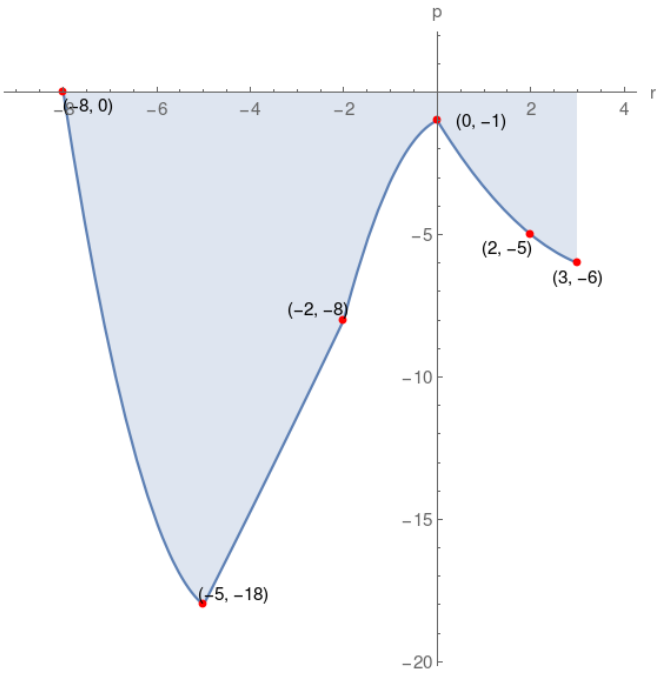
5. Given the graph of function p, which of the following choices is correct?



p(3)=−6	p(−8) is zero	range of p=[−18,0]
p(−5)=−18	r-intercept = (−8,0)	p-intercept = (0,−1)
p(−2) is positive	domain of p=[−8,3]	p(0)=0

p(2) is negative	p(−8)=0	p(−2)=−8
p(−5) is negative	range of p=[−19,−1]	r-intercept = (−8,0)
p(0)=−1	p-intercept = (0,−1)	domain of p=[−7,4]

p(−5)=−18	range of p=[−18,0]	domain of p=[−8,3]
r-intercept = (−8,0)	p(−8) is zero	p(−2)=−8
p(3) is negative	p(0)=−1	p-intercept = (0,−1)

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

Solution