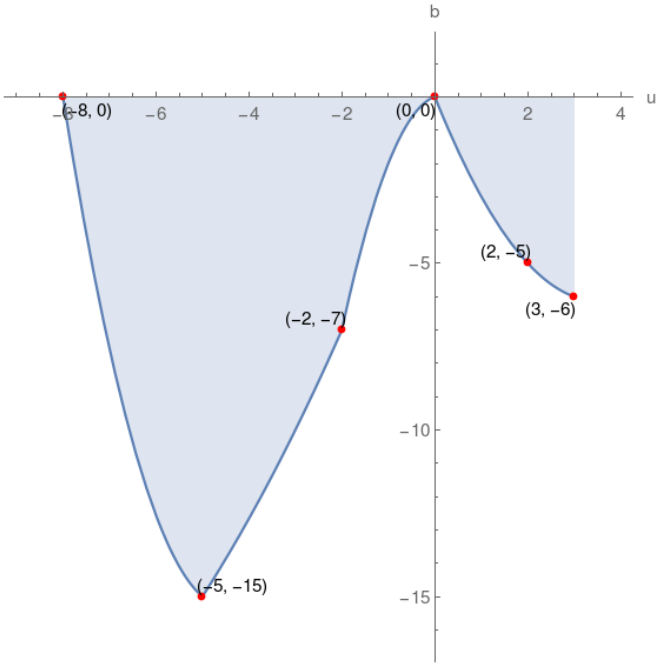
5. Given the graph of function b, which of the following choices is correct?



u-intercept = (0,0), (−8,0)	b(0)=0	range of b=[−15,0]
b(−2)=−7	b-intercept = (0,0)	b(2)=−4
domain of b=[−8,3]	b(−8) is zero	b(3) is positive

b(−2)=−7	b(2)=−5	domain of b=[−7,4]
b-intercept = (0,0)	u-intercept = (0,0), (−8,0)	b(3) is negative
b(0)=0	b(−5) is negative	range of b=[−16,−1]

b(3) is negative	b(2)=−5	b(−2) is negative
range of b=[−15,0]	u-intercept = (0,0), (−8,0)	domain of b=[−8,3]
b(−5)=−15	b-intercept = (0,0)	b(0)=0

b(2) is negative	b(0)=−1	u-intercept = (0,0)
domain of b=[−8,3]	b(−8)=0	b(3)=−6
b-intercept = (0,1)	range of b=[−15,0]	b(−5) is negative

Solution