4. Given the graph of function b, which of the following choices is correct?
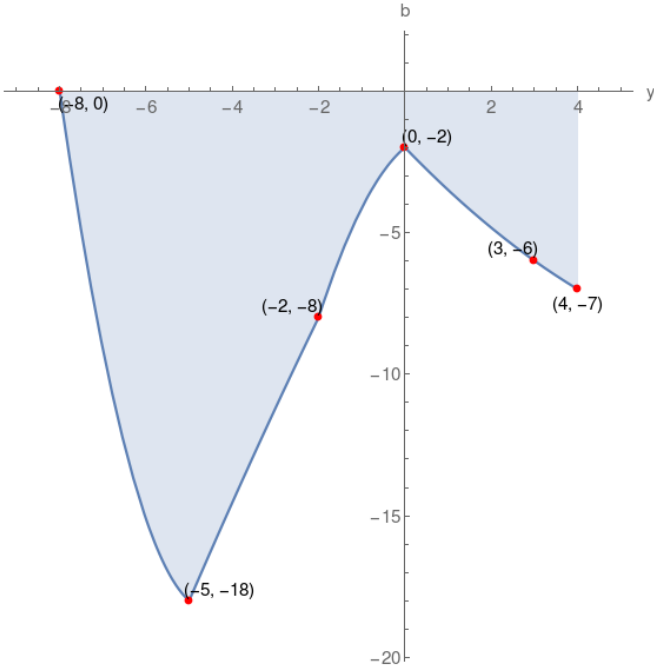
b−intercept = (0,−2)	range of b=[−18,0]	b(−2) is negative
b(4)=−7	b(−5)=−18	b(0) is positive
y−intercept = (−8,0)	b(3)=−5	domain of b=[−8,4]

b(4)=−7	b(−2) is negative	y−intercept = (−8,0)
b(−8) is negative	b(−5)=−18	domain of b=[−7,5]
range of b=[−19,−1]	b−intercept = (0,−2)	b(3)=−6

y−intercept = (−8,0)	domain of b=[−8,4]	b−intercept = (0,−2)
b(−5)=−18	range of b=[−18,0]	b(−8) is zero
b(0) is negative	b(4)=−7	b(3)=−6

range of b=[−18,0]	y−intercept = (−8,0)	b(0) is negative
b(3)=−7	b−intercept = (0,−1)	b(−8) is zero
b(4)=−7	domain of b=[−8,4]	b(−5)=−18

Solution