3. Given the graph of function c, which of the following choices is correct?
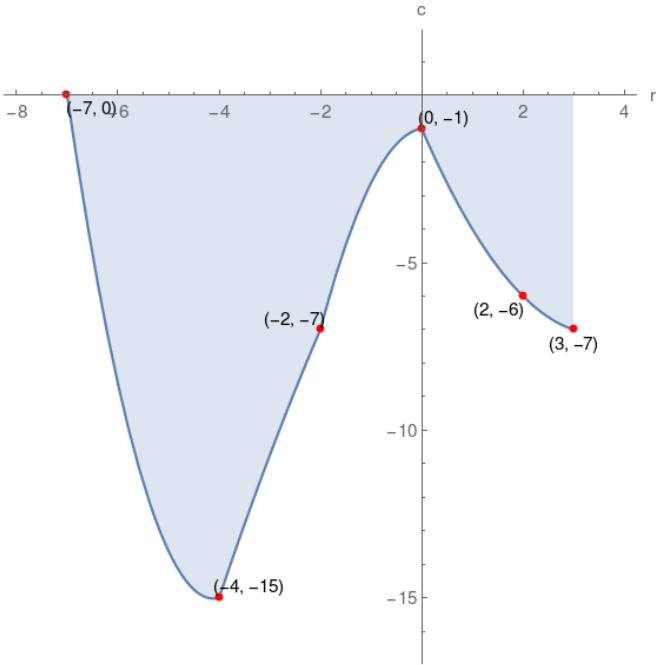
Choice 1:
c(-7) is zero	range of c=[-15,0]	domain of c=[-7,3]
c(0) is positive	c-intercept = (0,-1)	r-intercept = (-7,0)
c(3)=-6	c(-4)=-15	c(-2)=-7

Choice 2:
c(0)=-1	c(2)=-6	r-intercept = (-7,0)
c(-2)=-7	domain of c=[-6,4]	c(-7) is negative
range of c=[-16,-1]	c(3) is negative	c-intercept = (0,-1)

Choice 3 (selected):
c(0) is negative	c(-4) is negative	range of c=[-15,0]
c-intercept = (0,-1)	c(3)=-7	c(-7)=0
c(2)=-6	domain of c=[-7,3]	r-intercept = (-7,0)

Choice 4:
range of c=[-15,0]	c(-2)=-7	r-intercept = (-7,0)
c(2)=-6	c(3)=-8	domain of c=[-7,3]
c(0) is negative	c-intercept = (0,0)	c(-7) is zero

Solution