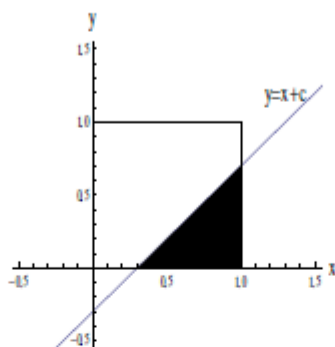
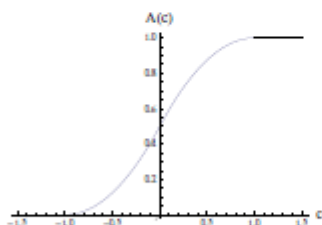


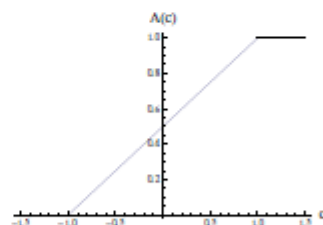
D. Shown below is a diagram of the square with vertices $(0, 0)$, $(0, 1)$, $(1, 1)$, $(1, 0)$ and the line $y = x + c$. The shaded region is the region of the square which lies below the line; this shaded region has area $A(c)$.



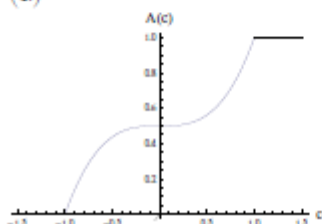
Which of the following graphs shows $A(c)$ as c varies?



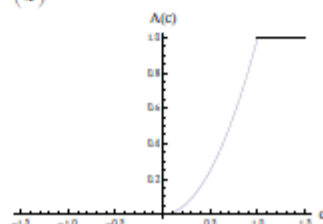
(a)



(b)



(c)



(d)