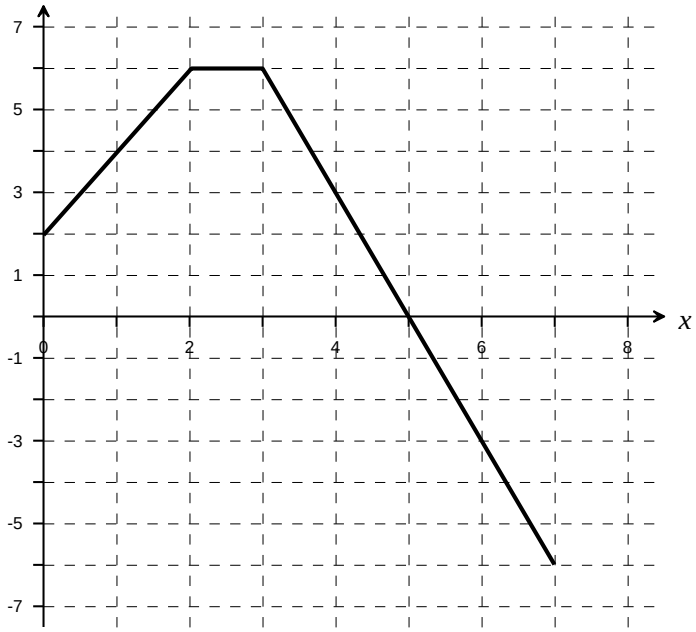
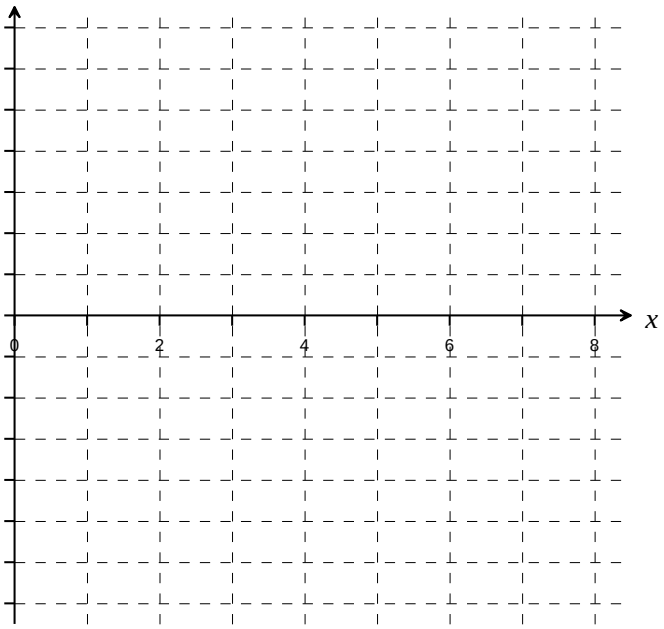
King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 172) Math 102 Quiz # 1

Name: _____ I.D. # _____ Sr. # ___

1. If $y(x)=\int_{\sin x}^{\cos x}\frac{1}{2+t^2}\,dt$, find $y'(\pi/2)$.

2. Given the graph of $f(x)$ below, carefully plot $g(x)=\int_0^x f(t)\,dt$.

f(x)



g(x)