

b)
$$x_{0}=0.5$$
 $f(0.5)=1.25-1+2=1.125$ $f(0.5)=3(0.25)=2=-1.25$
 $x_{1}=0.5-(1.125)=1.4$
 $f(1.4)=1.944$ $f'(1.4)=3.88$
 $x_{2}=1.4-(1.944)=436=0.90$
 485
 $f(0.9)=6,929$ $f'(0.9)=0.43$
 $x_{3}=0.9$
 $x_{4}=0.9$
 $x_{4}=0.$