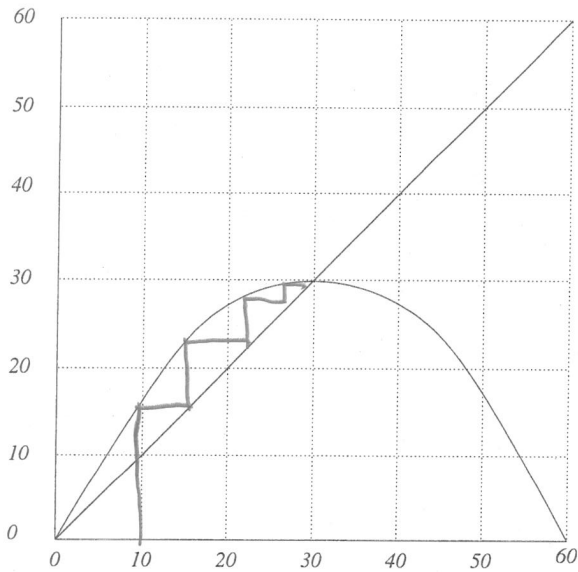Quiz # 18   Name: _____ Key _____

You must show your work to get full credit.

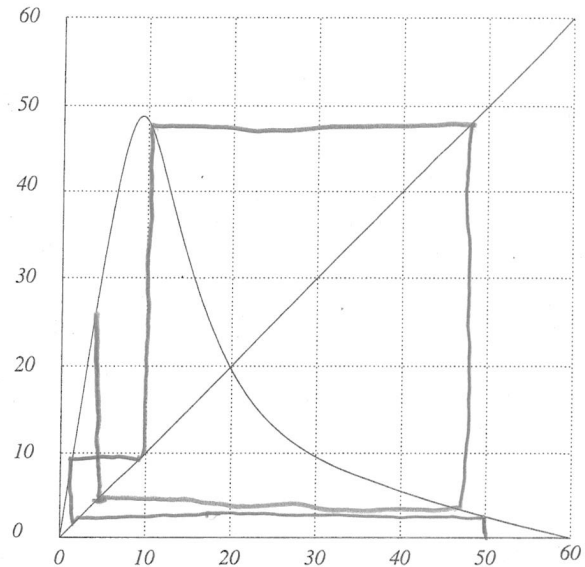Equilibrium points: __0, 30__
Stable points: __30__
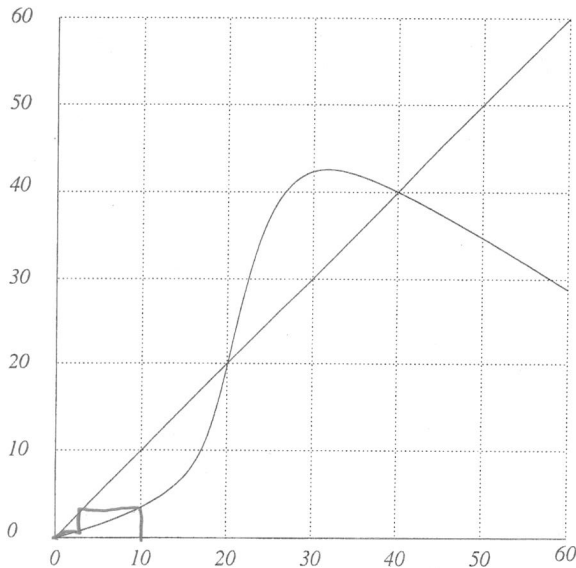Unstable points: __0__
Draw Cobweb with $N_0 = 10$

Equilibrium pts: __0, 20__
Stable pts: __None__
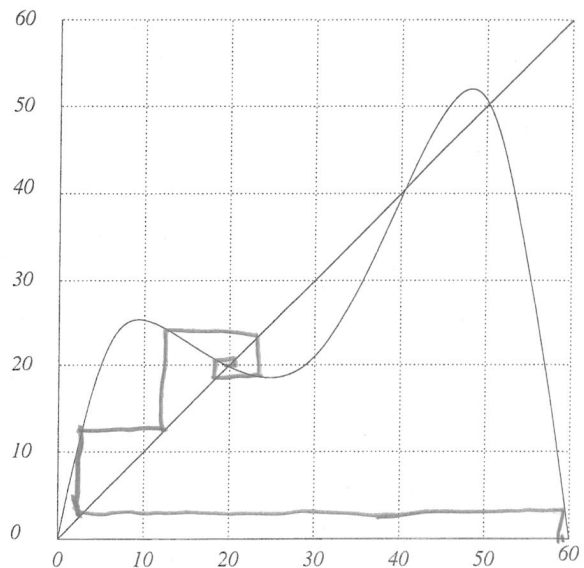Unstable pts: __0, 20__
Draw Cobweb with $N_0 = 50$

Stable points: __0, 40__
Unstable points: __20__
If $N_0 = 10$ then $N_{100} \approx$ __0__

Stable pts: __20, 50__
Unstable pts: __0, 40__
If $N_0 = 59$ then $N_{100} \approx$ __20__

For the problems about estimating N_{100} you should draw a cobweb.