Quiz 8   Name: _____Key_____
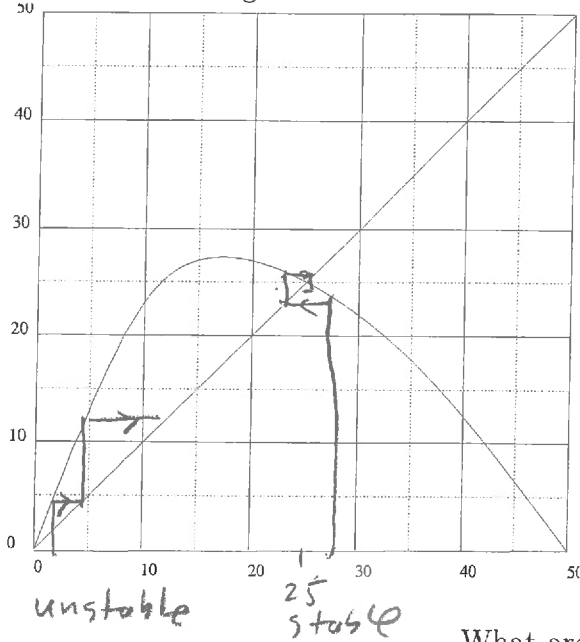
You must show your work to get full credit.

1. For the following

unstable   25
                  stable

What are the equilibrium points? _____0, 25_____

Which of them are stable? _____25_____

If $P_0 = 30$ estimate P_{50} _____≈ 25_____

2. For the following

stable   unstable   stable
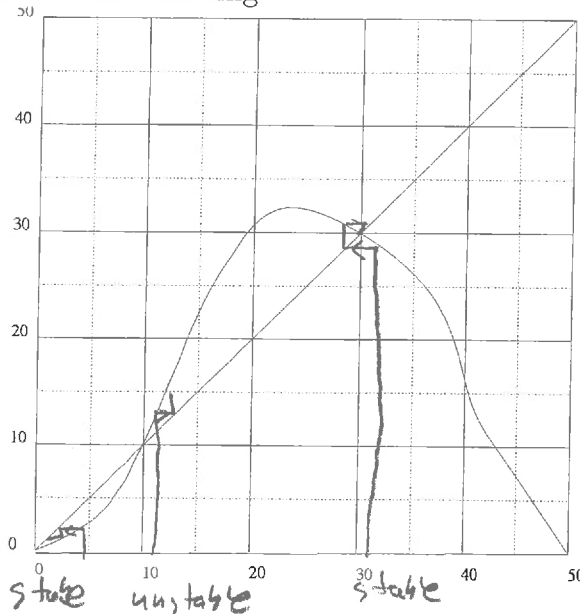
What are the equilibrium points? _____0, 10, 30_____

Which of them are stable? _____0, 30_____

If $P_0 = 5$ estimate P_{50} _____0_____