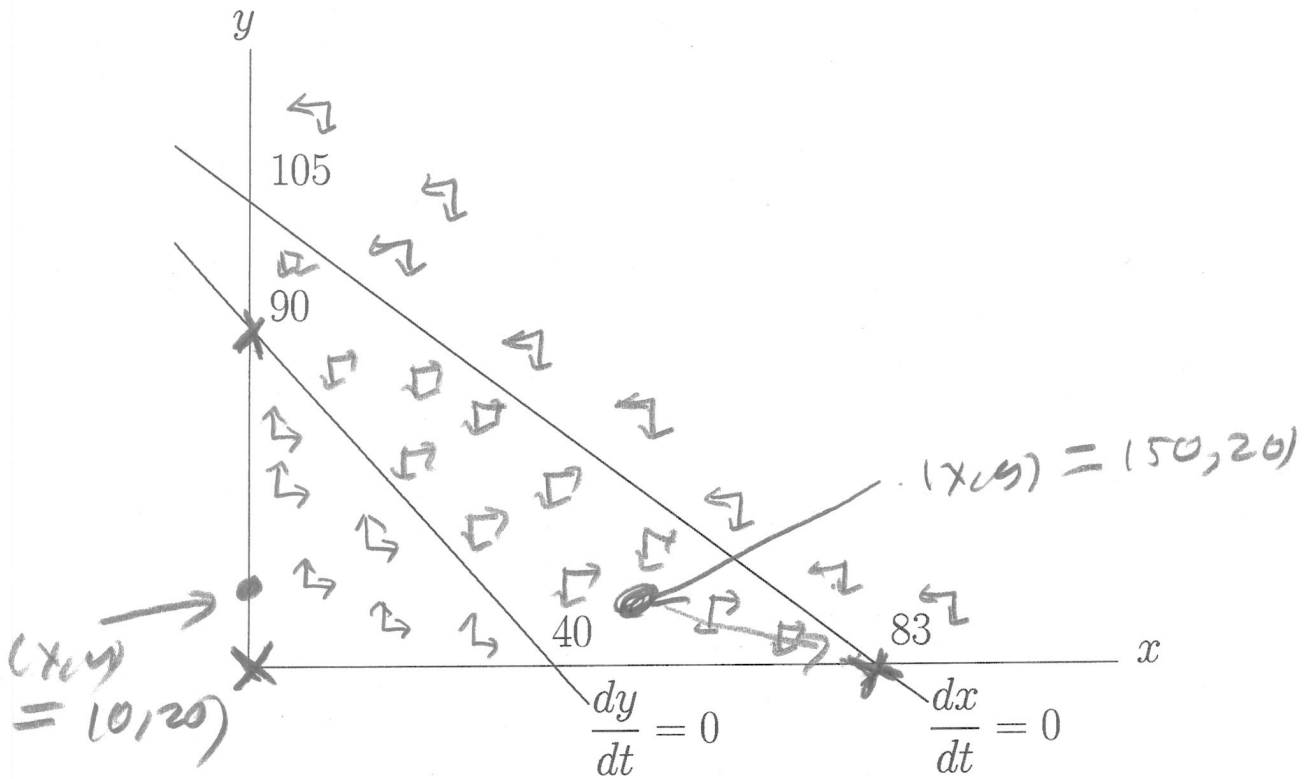


Quiz #22

Name: Key

You must show your work to get full credit.



1. What is the carrying capacity for the x species?

83

2. What is the carrying capacity for the y species?

90

3. Label the equilibrium points with a x .

4. If $x(0) = 50$ and $y(0) = 20$ then approximate $x(100)$ and $y(100)$.

$x(100) \approx$ 83 $y(100) \approx$ 0

5. If $x(0) = 0$ and $y(0) = 20$ then approximate $x(73)$ and $y(73)$.

$x(73) \approx$ 0 $y(73) \approx$ 90