

Names (up to three, legible roster names):
MATH 1470 Tintera CH 7 Exercise Template

Use copies of this template for all three exercises 1,5 and 8. Exercise 2 is done in the Sample Solution.

Exercise #:_____

Write the equations here:

Identify the type of model:

Which, if any, of the species are logistic?

Find the equilibrium points in the space below. You may have to solve pairs of equations on a separate sheet of paper, but summarize the results in the space below:

Exercise # _____

1st draft of phase plane showing equilibrium points and lines identifying regions of constant change.

2nd draft of phase plane showing directional arrows for x and y .

Clean copy of phase plane showing results of various starting values consistent with directional arrows found on the previous page:

Put your biological interpretations here: