

Names/Folder Letter (up to three, legible roster names):  
MATH 1470 Tintera CH 8 Exercise Template

2a. Modified model (diagram):

3a. Modified model (equations for above diagram):

2d. Modified model (diagram):

3d. Modified model (equations for above diagram):

4.a Inequality showing Susceptibles increasing:

Solution of inequality for S

4b Inequality showing Contagious-but-Asymptomatic (in 2d) increasing:

Solution for Contagious-but-Asymptomatic variable.

4c. Equation for when Home-in-Bed is greatest:

Solution of above equation for Home-in-Bed variable.

5. S on next day

I on next day

R on next day