CS: 2210 Mathematica Homework 6

Solve the following questions using Mathematica.

Note: submit a Mathematica notebook file through the ICON dropbox. We need to be able to run your notebook.

Section 4.4:

#12. Reference: Solving Congruences on page 17 of the Mathematica manual for Chapter 4.

#20, #22. Reference: Chinese Remainder theorem on page 18. **Then write the complete answer as a comment**.

Section 4.6:

#24. Reference: RSA on pages 36, 37. Please note that you'd have to implement a number of functions that start on page 33 and continue on pages 35, 36.
At the end verify that the encryption worked by applying RSA [privatekey, cipherText] to get the original **text message code**.

http://highered.mheducation.com/sites/0073383090/student_view0/exploring_discrete_mathematics_using_mathematica.html