

**MATH 115: ELEMENTARY NUMBER THEORY  
HOMEWORK #7 WORKSHEET**

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Cipher challenge! Below is a collection of three ciphertexts. Each one is encrypted in a different way. Each of the plaintexts reveals a hint for the next ciphertext. If you finish, fame is yours!

(1) HTWQW CSIHT WEMJX APLTA

(2) EIPTP LPUPV EADPN TQXCE

(3) e=39572139  
n=59379373  
begin 600 out  
1437105  
4244311  
end