```
Section 4.6
 Ori In the ciphertext, "v" occurs many times, so we can guess it shift
   22-5=17 from "E"to "V", so the original plaintext is=
 Men Love to wonder, and that is the seed to of science."
 GRIZZ LYBEA RSXXX" -> "IZGZR BELAY XXRXS"
 Ex.14.
    o(1)=3, o(2)=5, o(3)=1, o(4)=2, o(5)=4
Ex. 26.
 The inverse of e=17 (modulo 52.60) is d = 2/53
then: 3+58 3185<sup>2753</sup> mod 52-61 = 1816
           2038 2753 mod 53-61 = 2008
                                        ) => So the original message
          24602753 mod 53-61 = 1717
                                         is "A SQUIPRREL"
          2550 2753 mod 53-61 = 0411
                                                             100
```

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Ex30

Altice Computes: 2

Bod Sends 29 mod 10|= 7 to Altice

So: Altice computes: 7 mod 10|= 90

Bob computes: 29 mod 10|= 90

So the shared key is 90.

Ex.32.

"BUY NOW" > "0120 24131422"

Step 1: 0120" 83 mod 2867 = 1665

2413" 83 mod 2867 = 1728 > "1665 1728 2123"

[$2183" mod 2867 = 2123

Step 2: 1665 mod 3127 = 2806

172821 mod 3127 = 1327

212321 mod 3127 = 0412
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