Name _____

Goal: To turn the following ciphertext into plaintext, using frequency distribution. You know the message is sent in the English language.

yfzh zh mj kpktlzhk zj etkmizjq lzwfkth dhzjq vtkcdkjlg bzhytzedyznj. zy zh kmhzkhy yn dhk yfzh skyfnb zv gnd zjyktlkwy m skhhmqk yfmy zh sntk yfmj njk fdjbtkb lfmtmlykth zj akjqyf, eklmdhk zj yfmy lmhk, yfk hmswak hzuk zh amtqk kjndqf hn yfmy yfk lfmtmlykt bzhytzedyznj zh sntk azikag yn lanhkag tkhkseak yfmy nv m ygwzlma skhhmqk xtzyykj zj kjqazhf. xk fmok smbk gndt ymhi kmhzkt zj yfzh kpmswak eg hkwmtmyzjq yfk xntbh zj yfk skhhmqk.

To make your job easier, punctuation marks have been left in the message, and the words in the message have been separated.

The following is an approximation of the distribution of letters in English, given a random writing sample of 1000 characters:

A - 73

B - 9

C - 30

D - 44

E - 130

F - 28

G - 16

H - 35

I - 74

J - 2

K - 3

L - 35

M - 25

N - 78

O - 74

P - 27

Q - 3

R - 77

S - 63

T - 93

U - 27

V - 13

W - 16

X - 5

Y - 19

Z - 1