Affine Ciphers: Solving with Cribs

*For each message below, decipher the message given the crib. Feel free to write any methods in Python that might be useful or compute on paper if you prefer.*

Crib:He

Fygtgxkvynpepsxgliedqywjleigwcqythqjqcpylwpychqdy

a= \_\_\_\_\_\_ b= \_\_\_\_\_\_\_

Plaintext:

Crib:One

SxqahkwcekytbktFFqwgbtesohvyasstkdsoxvbqhnhqyyhusxtbqykxv

a= \_\_\_\_\_\_ b= \_\_\_\_\_\_\_

Plaintext:

Crib:Famous

XeiackzmpowbytywyvofTyterywxabkpauyrgtpoubargkqm

a= \_\_\_\_\_\_ b= \_\_\_\_\_\_\_

Plaintext:

Crib:News

OrlvwbwreverwfemraqrqbabmrotrbeirdalhmqaherjmfeJbxrefo

a= \_\_\_\_\_\_ b= \_\_\_\_\_\_\_

Plaintext:

Crib:Even

SdshrkuvviGuosfahfsvshrsz

a= \_\_\_\_\_\_ b= \_\_\_\_\_\_\_

Plaintext:

Crib:??? (don’t forget an Affine cipher is just a more specific substitution cipher…)

Rta linawrun’c wgr up Rirsfiw najbswal rta fietr cmo kirt s wunnawr ufa

a= \_\_\_\_\_\_ b= \_\_\_\_\_\_\_

Plaintext: