Exercises: Multiplicative and Affine ciphers

1. Encrypt the word 'tuna' using an multiplicative cipher with key value a=3.

2. Encrypt the word 'rabbit' using an multiplicative cipher with key value a=25.

3. If the multiplicative encryption key is a = 3, what is the decryption key?

4	If the mult	inlicative	encryption	kev is a =	= 25	what is	the decr	vntion	kev?
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5. Encrypt the word 'zebra' using an affine cipher with multiplicative key a=25 and additive key b=25.

6. If the formula for affine encryption is $c \equiv ap + b \mod 26$. What is the decryption formula?