|  |
| --- |
| 14 54 30 78 65 |
|  |

Part 1 Mods:

14\* /26 = .4(Rounded to 0) or 14

54\* – 26 = 28 - 26 = 2

30\* – 26 = 4

78\* – 26 = 52 – 26 = 26 – 26 = 0

65\* - 26 = 39 – 26 = 13

Part 2 How I Decrypt The Message:

What I did for example:

78\* – 26 = 52 – 26 = 26 – 26 = 0

I would take 26 away until it matches a value on the board.

Part 3 Value:

0 or 14\* = A or O

2\* = C

4\* = E

0\* = A

13\* = N

Word: OCEAN

(12011)3

Hello Raquel, I also use time management every day. Like you I work full time and have school, so I have to use my time responsible and make sure I get sleep for both of them. A calendar sounds like a very good tool t use to manage you time for each day. I mostly use alarms, I know you probably do too. I agree with you when you said that if you were inconsistent with your deadlines and home activities, there will be things that you may miss and might not do them in a timely matter. I think it would be hard for me to use and change into another metric system, but I think I would get used to it after a while.

*7 key elements of a successful encryption strategy* (2022) *Sirius Edge*. Available at: https://edge.siriuscom.com/security/7-key-elements-of-a-successful-encryption-strategy (Accessed: January 16, 2023).

*Encryption 101* (no date) *EDUCAUSE.edu*. Available at: https://www.educause.edu/focus-areas-and-initiatives/policy-and-security/cybersecurity-program/resources/information-security-guide/toolkits/encryption-101 (Accessed: January 16, 2023).

Ingalls, S. (2022) *Encryption: How it works, types, and the Quantum Future: ESP*, *eSecurityPlanet*. Available at: https://www.esecurityplanet.com/trends/encryption-guide/ (Accessed: January 16, 2023).

The importance of using effective systems for data encryption is that it helps protect data. It protects it’s whether if it’s private information, or sensitive data. It is also effective because if a person that doesn’t have permission get access to it will be hard for them to understand it and read it. The two types of cryptography systems I picked are Symmetric-key algorithms, and Asymmetric algorithms. I think Symmetric-key algorithms is better because the encryption process is faster, and can handle larger amounts of data.

B = 1 (mod 26)

O = 16 (mod 26)

N = 15 (mod 26)

U = 22 (mod 26)

S = 20 (mod 26)

26, 416, 364, 572, 520

Re-encrypting the message I switch the letters into numbers, making the letter mathematical symbols