# Secure Communications 2B

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| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |

Worksheet:

Message: S E C U R I T Y Numeric value: 18 - 4 - 3 - 20 - 17 - 8 - 19 - 24

+

OTP Key: X D S L K F J C Numeric Value: 23 - 3 - 18 – 11 - 10 - 5 - 9 - 2

Sum: 18 + 23 = 41

4 + 3 = 7

2 + 18 = 20

20 + 11 = 31

17 + 10 = 27

8 + 5 = 13

19 + 9 = 28

24 + 2 = 26

Wrap: 41 – 26 = 15

7

20

31 - 26 = 5

27 – 26 = 1

13

28 -26 = 2

26 -26 =0

**Cipher Text: P H U F B N C A**