

Please use this page as scratch paper to ENCODE messages. Write the plaintext in the spot, identify the shift (+ or -) you are using. When you are done, transfer the Ciphertext to the same number on the other page.

1. Using your standard Caesar cipher wheel, ENCODE a message for a friend:

Plaintext: \_\_\_\_\_ shift = \_\_\_\_\_

Ciphertext: \_\_\_\_\_

2. Using your standard Caesar cipher wheel, ENCODE a message for a DIFFERENT friend:

Plaintext: \_\_\_\_\_ shift = \_\_\_\_\_

Ciphertext: \_\_\_\_\_

3. Using your standard Caesar cipher wheel, ENCODE a message for a third DIFFERENT friend:

Plaintext: \_\_\_\_\_ shift = \_\_\_\_\_

Ciphertext: \_\_\_\_\_

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4. Using your RANDOM Caesar cipher wheel, ENCODE a message for a friend:

Plaintext: \_\_\_\_\_ a = \_\_\_\_\_

Ciphertext: \_\_\_\_\_

5. Using your RANDOM Caesar cipher wheel, ENCODE a message for a DIFFERENT friend:

Plaintext: \_\_\_\_\_ a = \_\_\_\_\_

Ciphertext: \_\_\_\_\_

6. Using your RANDOM Caesar cipher wheel, ENCODE a message for a third DIFFERENT friend:

Plaintext: \_\_\_\_\_ a = \_\_\_\_\_

Ciphertext: \_\_\_\_\_

7. Now that you have had some practice, decode the following message from me. It is a STANDARD Caesar, but you don't have the shift for it.

U TMHQ RAGZP FTMF BDMOFUOQ YMWQE KAG HQDK SAAP MF PQOAPUZS FTQEQ.

BDMOFUOQ QZAGST, MZP KAG IUXX ZAF QHQZ ZQQP M WQK.

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8. Okay, this one is harder. Can you figure out the following RANDOM CAESAR? No key again. (Mr. Waddell is so mean!)

A ZHDW EBXPN MZW GHTHNBJ, MZHM AE QBX RBDW XPMAR AM

ZXTMO, MZWTW FHP CW PB VBTW ZXTM, BPRQ VBTW RBDW.

- NHGZPW THW

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Encoding and decoding using Caesar Ciphers

Please use this page as scratch paper to DECODE messages. Write the plaintext in the spot, identify the shift (+ or -) you are using. When you are done, transfer the Ciphertext to the number on the other page.

1. Using your Caesar cipher wheel, DECODE the message below from a friend. Write your name in the spot:

\_\_\_\_\_ shift = \_\_\_\_\_

\_\_\_\_\_ decoded it! The message is: \_\_\_\_\_

2. Using your Caesar cipher wheel, DECODE the message below from a friend. Write your name in the spot:

\_\_\_\_\_ shift = \_\_\_\_\_

\_\_\_\_\_ decoded it! The message is: \_\_\_\_\_

3. Using your Caesar cipher wheel, DECODE the message below from a friend. Write your name in the spot:

\_\_\_\_\_ shift = \_\_\_\_\_

\_\_\_\_\_ decoded it! The message is: \_\_\_\_\_

4. Using your Caesar cipher wheel, DECODE the message below from a friend. Write your name in the spot:

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

\_\_\_\_\_ decoded it! The message is: \_\_\_\_\_

5. Using your Caesar cipher wheel, DECODE the message below from a friend. Write your name in the spot:

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

\_\_\_\_\_ decoded it! The message is: \_\_\_\_\_

6. Using your Caesar cipher wheel, DECODE the message below from a friend. Write your name in the spot:

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

\_\_\_\_\_ decoded it! The message is: \_\_\_\_\_