Name: Date: Class:

Post Assessment Answer Key

Please answer the following questions.

1. How much do you know about cryptography? (circle one)

   Not Very Much 1 2 3 4 5 Very Much

   Answers will vary.

2. How confident are you at encrypting/decrypting data? (circle one)

   Not Very Much 1 2 3 4 5 Very Much

   Answers will vary.

3. What does the following message say? ***Wklv lv d whvw phvvdjh.***
   This is a test message.

4. What is a Caesar cipher?
   A Caesar cipher is one of the earliest and simplest methods of encryption. It is a type of substitution cipher where each letter in the original message is shifted by a fixed number of positions down the alphabet.

5. What is the difference between public-key and private-key encryption?
   The public key is openly shared to encrypt data, while the private key is kept secret and used to decrypt data or create digital signatures. If someone wants to send you a secure message, they use your public key to lock it. Once locked, that message can only be unlocked by your private key. Even the person who encrypted the message cannot decrypt it without your private key.