1. List 4 component of the Public Key Infrastructure (PKI).

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

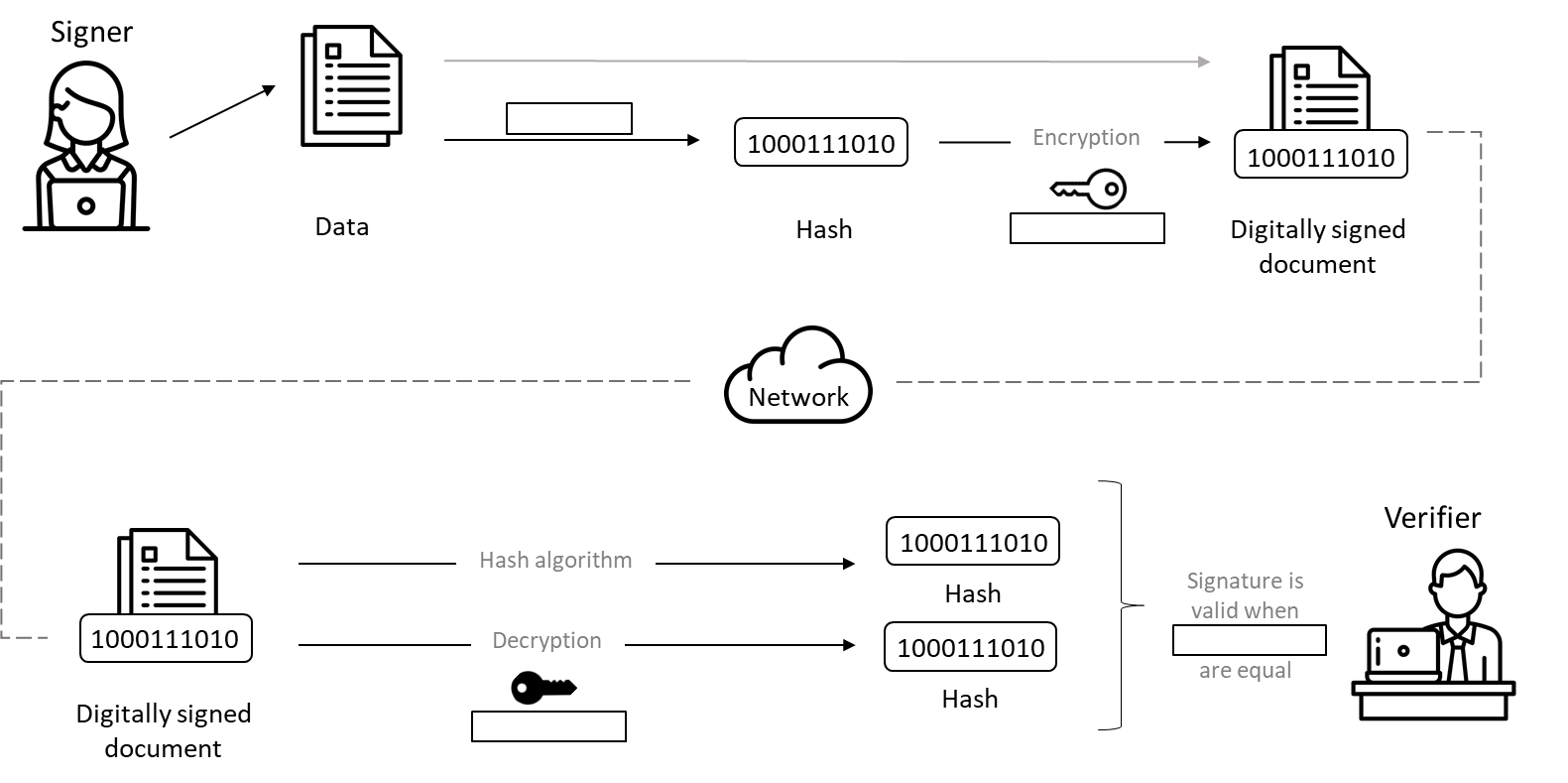
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Correct the text so that the following statements are true

For two parties to communicate securely using asymmetric encryption, the process is as follows: the keys are exchanged between the 2 parties. Person 1 encrypts the message they wish to send using person 2's the and sends it to person 2. Person 2 decrypts the message with their the .

1. Choose correct labels from list and write them into the image to describe the process of digital signing.



Choices: hash algorithm, private key, public key, hash values

1. Assign the terms from the left column to the corresponding descriptions on the right.

|  |  |  |
| --- | --- | --- |
| certificate authority (CA) |  | Someone enrolls for a certificate with this entity |
|  |  |  |
| registration authority (RA) |  | Creates and issues a digital certificate |
|  |  |  |
| validation authority (VA) |  | Structure containing identifying information and a key pair |
|  |  |  |
| digital certificate |  | Check the validity of a digital certificate |

1. The lifecycle of a digital certificate can be explained as follows:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_