Encryption and Defragmentation
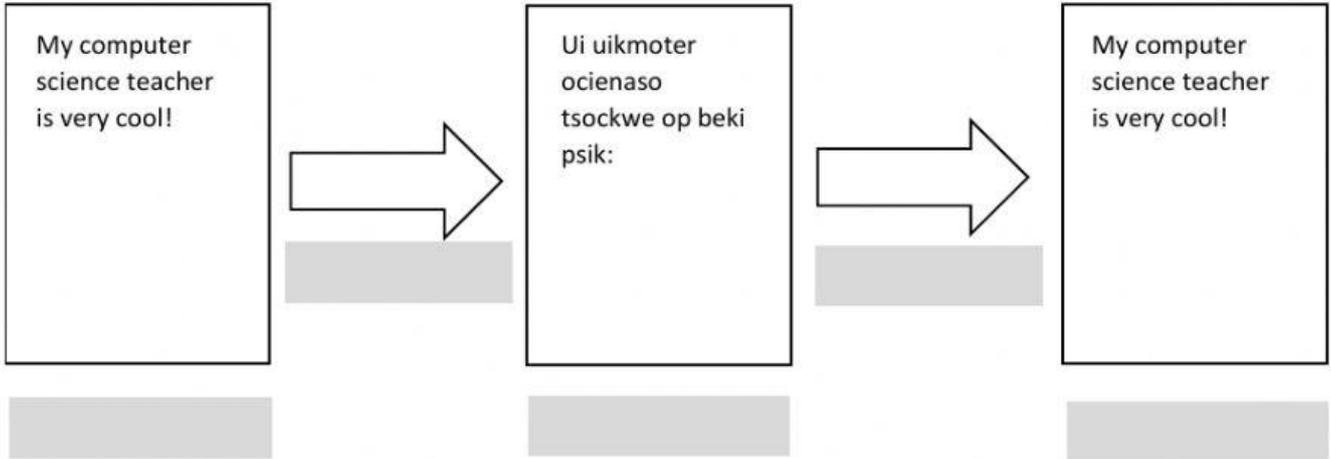
Use some of the words below to fill in the boxes below.

Public Key   **Private Key**   **House Key**   **Cipher Text**   **Decrypted**   **Protected**
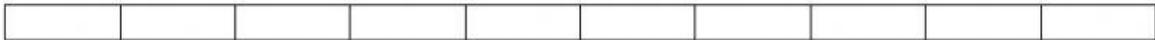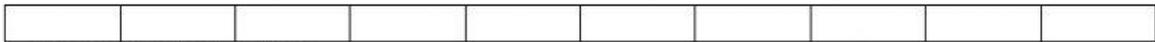   **Decrypted**   **Python**

| My computer science teacher is very cool! | → | Ui uikmoter ocienaso tsockwe op beki psik: | → | My computer science teacher is very cool! |

What does a key do in the process above?

....

[1 mark]

Drag the shaded boxes below in the correct place to show a fragmented and a defragmented hard disk.

Before defragmentation

After defragmentation:
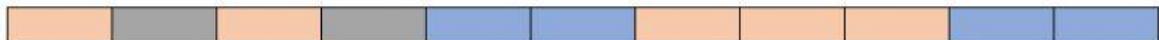
[2 marks]

What are the advantages and disadvantages of using defragmentation?

....

....

....

Rate yourself on this topic by ticking a box below.

☐ "I got this!"   ☐ "I need a bit more on this."   ☐ "I have no clue."