

3 When keys are pressed on a keyboard, the text is converted to binary to be processed by the computer.

(a) Describe how the text is converted to binary to be processed by the computer.

.....
.....
.....
.....
.....
..... [3]

(b) Text that is input into a computer can be stored in a text file.

A text file can be compressed using lossless compression.

(i) State what effect this has on the file size.

.....
..... [1]

(ii) Describe how lossless compression compresses the text file.

.....
.....
.....
.....
.....
.....
..... [4]

(iii) Give **two** reasons why the text file may have been compressed.

1

2

.....