

8 Files are often compressed before they are sent over the internet.

(a) State what is meant by compression.

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..... [1]

State **one** advantage of compressing files before sending them over the internet.

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..... [1]

(b) Two types of compression are lossy and lossless.

State which type of compression is most appropriate for each of the following and explain why it is appropriate.

(i) Downloading the source code of a large program

Type of compression

Explanation

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..... [3]

(ii) Streaming a large video file

Type of compression

Explanation

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..... [3]