

## 2 Compression and information – Part 2 —Answers

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### Answers

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Work through these after you have tried the questions yourself.

**2.1** lossless compression lets you restore the exact original; lossy compression throws away some data to shrink the file more.

**2.2** lossless –a text document must be restored exactly, with no words lost.

**2.3** lossy compression.

**2.4** finding patterns, trends, and answers in it (often by sorting, filtering, and charting with programs).

**2.5** a correlation is only a link; a third factor could cause both, or it could be coincidence, so it does not prove causation.