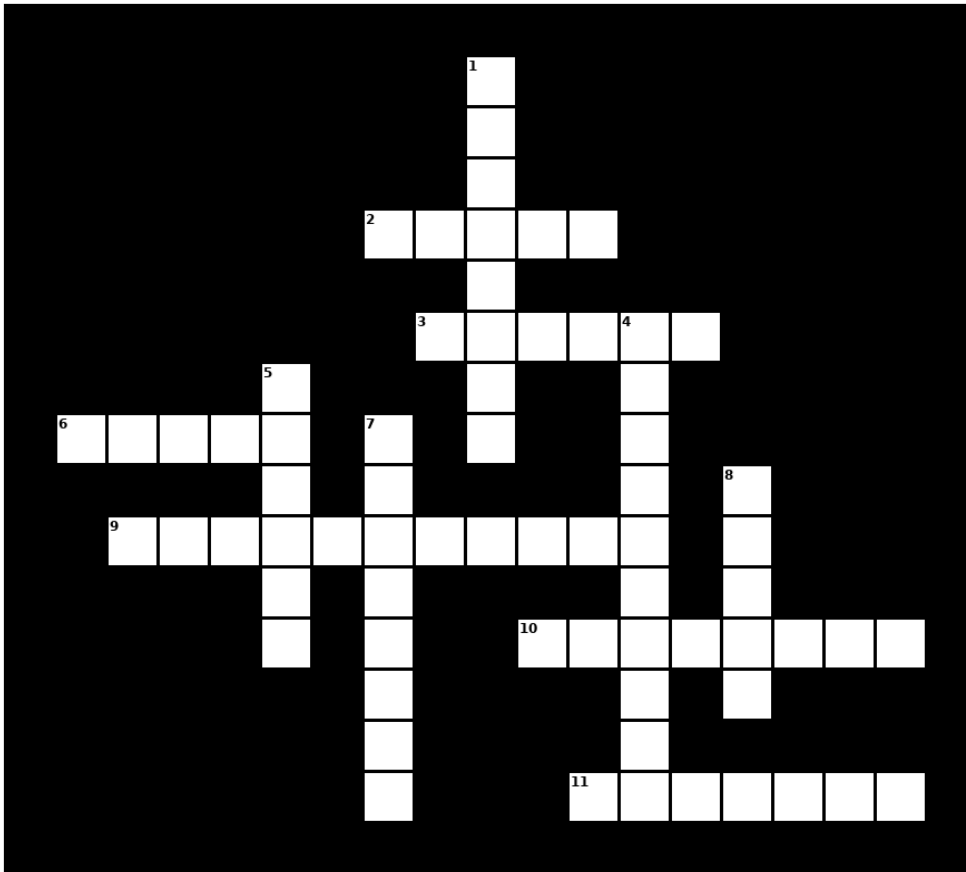


1.2 Memory and storage - Crossword 3: Data representation and compression

Instructions: Use the definitions to complete the grid. Write answers without spaces, hyphens, slashes or punctuation.



Across

- 2. Compression that reduces file size by permanently removing some data.
- 3. Base-ten number system commonly used by humans.
- 6. Character set that represents common characters using binary codes.
- 9. Base-sixteen number system often used to represent binary more compactly.
- 10. Number of bits used to store each sample or pixel colour.
- 11. Character set designed to represent characters from many languages.

Down

- 1. Compression that reduces file size while allowing the original data to be restored.
- 4. Number of pixels in an image, often given as width by height.
- 5. Base-two number system used by computers.
- 7. Error caused when a binary result is too large for the available bits.
- 8. Smallest single point of colour in a bitmap image.