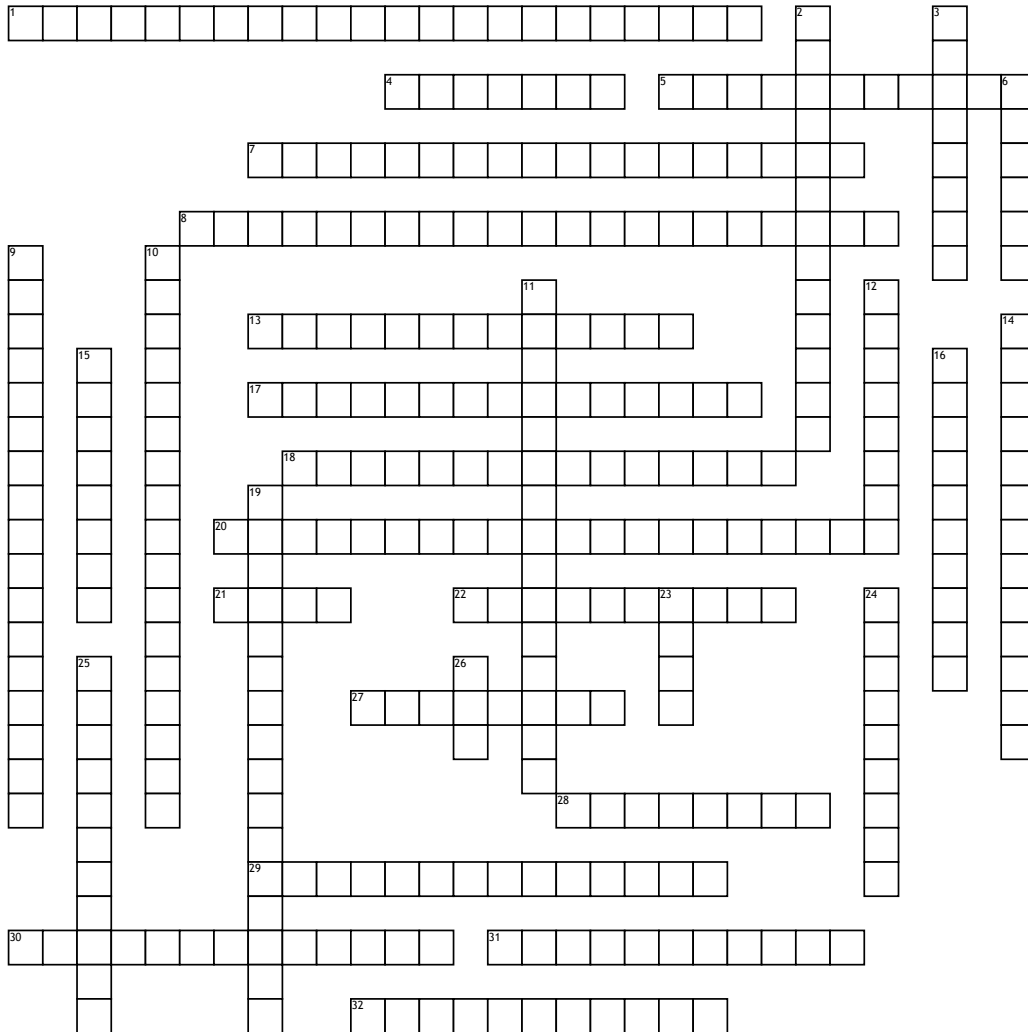


# ICT Crossword puzzle



## Across

1. a visual way of interacting with a computer using items such as windows, icons, and menus, used by most modern operating systems.
4. the retention of retrievable data on a computer or other electronic system; memory.
5. input-output device, or input/output device
7. a computer's short-term memory.
8. a method employing encryption to provide secure access to a remote computer over the internet.
13. a small computer that contains a microprocessor as its central processor
17. an established set of rules that determine how data is transmitted between different devices in the same network
18. the structure or pattern in which each and every node in the network is connected.
20. processes commands to a computer program in the form of lines of text.
21. facts and statistics collected for reference or analysis.
22. the part of A computer that houses the primary devices that perform operations and produce results for complex calculations.

27. an electronic device for storing and processing data, typically in binary form, according to instructions given to it in a variable program.

28. describes seven layers that computer systems use to communicate over a network

29. a wireless, portable personal computer with a touchscreen interface.

30. a circuit board connecting to a motherboard which expands the capabilities of a computer

31. Keyboard, Mouse, Joystick, Trackball, Digital Camera, Scanner, Bar code Reader, OCR, Biometric Sensor, and Microphone.

32. the main printed circuit board (PCB) in a computer.

## Down

2. a particularly powerful mainframe computer.

3. a component that increases the heat flow away from a hot device. a component that increases the heat flow away from a hot device

6. a computer or computer program which manages access to a centralized resource or service in a network

9. are powerful computers used for large information processing jobs.

10. any type of computing hardware that is used for storing, porting or extracting data files and objects.

11. the software that supports a computer's basic functions, such as scheduling tasks, executing applications, and controlling peripherals.

12. tools, machinery, and other durable equipment

14. a group of letters occurring after a period in a file name, indicating the format of the file.

15. the programs and other operating information used by a computer

16. perform a series of mechanical or chemical operations on (something) in order to change or preserve it.

19. a computer network that links devices within a building or group of adjacent buildings

23. a person who uses or operates something, especially a computer or other machine

24. non-volatile computer storage device containing magnetic disks or platters rotating at high speeds.

25. an internal IT hardware component.

26. the portion of a computer that retrieves and executes instructions.