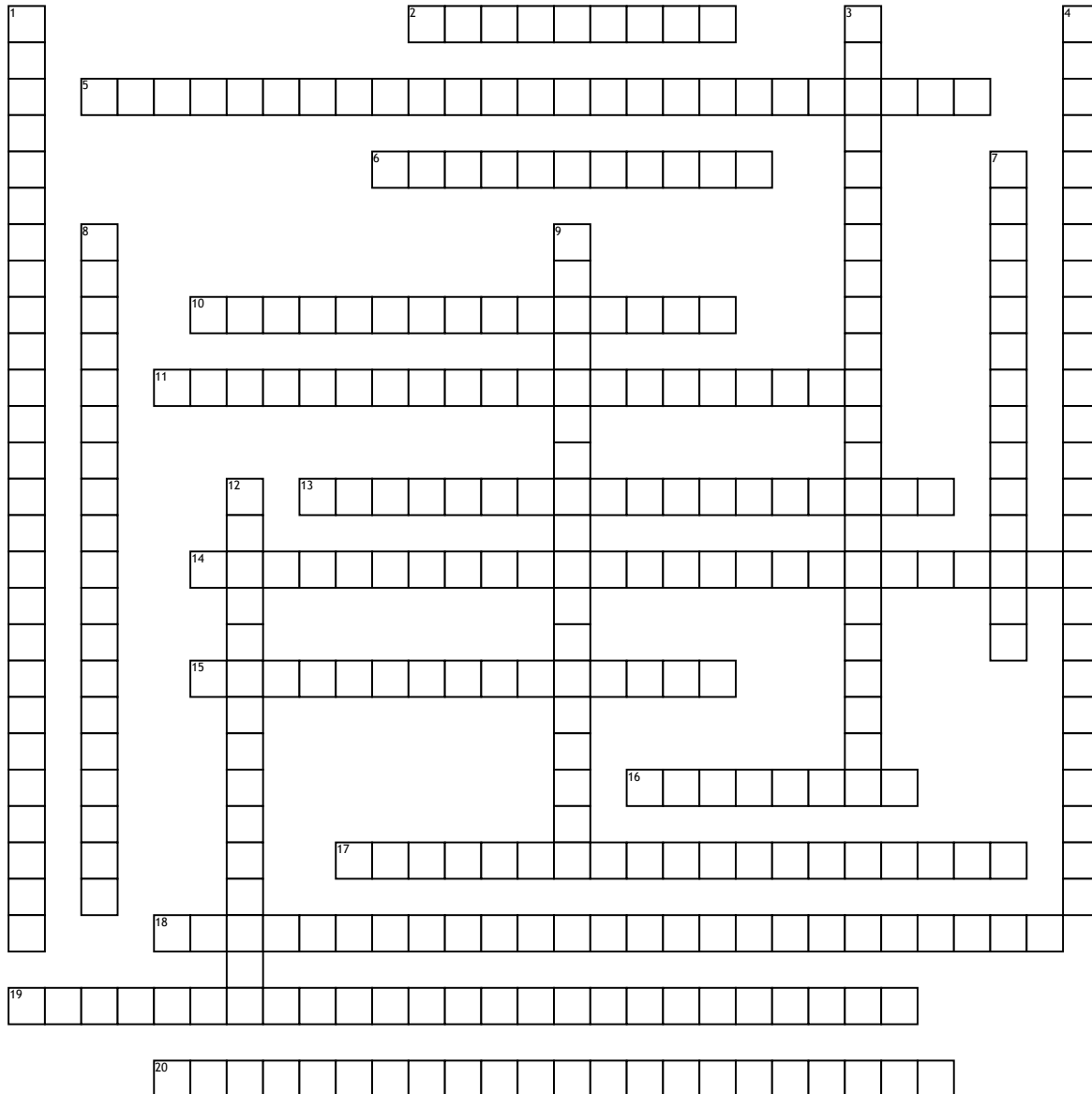


Name: _____

Date: _____

Kabelo Ntshangase 16009713



Across

2. Translates symbolic code written in assembler language (lower level program) into machine language.

5. They assist users in developing IS programs and procedures and prepare user programs for computer processing

6. Translates and executes one program source code statement at a time, as the program is running.

10. In the early stages of computer development, all programs had to be written using binary codes (machine language) unique to each computer.

11. allows a programmer or end user to develop the sets of instructions that constitute a computer program

13. These languages use symbolic codes to represent instructions and were developed to reduce the difficulties in writing machine languages

14. These programs are used to produce high quality output of graphics and text

15. a type of system software that performs a specific task, usually related to managing a computer, its devices, or its programs

16. Converts a complete source code program into a machine language program that the computer can process in its entirety.

17. software is used for analysis, planning and modelling.

18. They are used by network servers and other computers in a network

19. Manage computer hardware, software, and data resources during information processing.

20. Support the operations and management of computers.

Down

1. These programs are used for storing, manipulating and retrieving data/information.

3. This type of software is used for typing documents and it also allows the user to insert graphics into the documents, creating, for example, greeting cards, reports, text formatting, etc.

4. systems software programs that help the user in the creation, controlling development, usage and maintenance of the databases of computer systems.

7. Programs designed to perform tasks associated with the direct control and management of computer hardware

8. Programs that allow end-users to accomplish certain tasks or help other programs to meet the information processing needs of end users.

9. These languages use brief statements for instructions (that are more like English) and arithmetic notation for expressions

12. a set of programs controlling the computer hardware and acting as an interface with the application programs