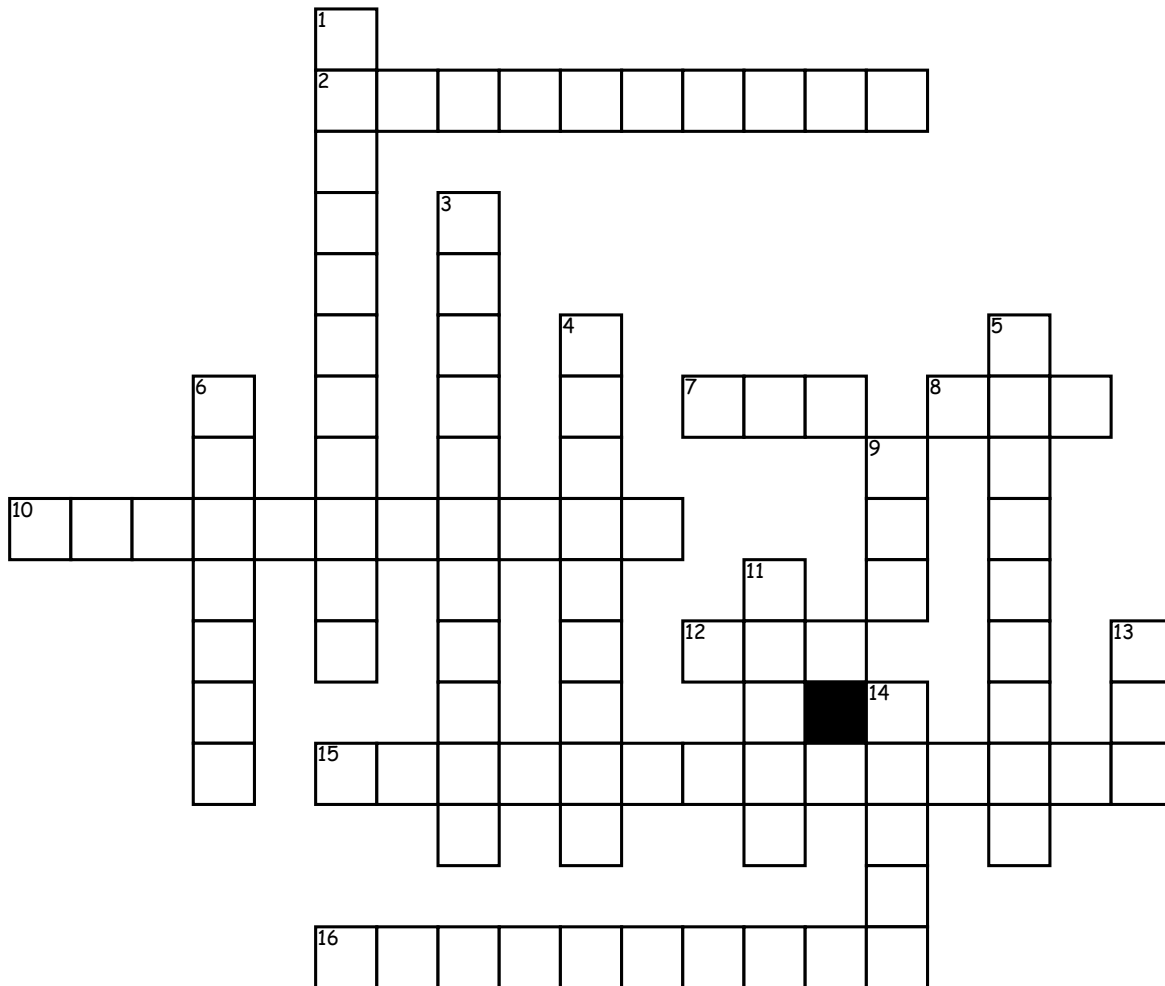


Name: _____

Inside the CPU



Across

2. What carries memory addresses for locations to be read from or written to?
7. What stores the memory location for data that needs to be fetched from memory or stored into memory?
8. What stores the most recently fetched instruction while it is waiting to be decoded and executed?
10. What is responsible for decoding the instructions and it sends out signals to control how data moves around the computer system?

12. What carries out the calculations and logical decisions?

15. What stores the memory location of the next instruction in a program to be executed?

16. What carries control signals around the CPU and memory?

Down

1. What is the name of a small amount of the very fast memory built into the CPU?

3. What stores the results of calculations made by the ALU?

4. What are memory locations within the CPU and can be accessed very quickly called?

5. What is clock speed measured in?

6. What carries data between the CPU and memory?

9. What is sometimes called 'microprocessor' or 'processor'?

11. What is the name of the quartz crystal inside the CPU?

13. What stores data that has been fetched from or is waiting to be sent to memory?

14. What enables data and control signals to move around the CPU and memory?