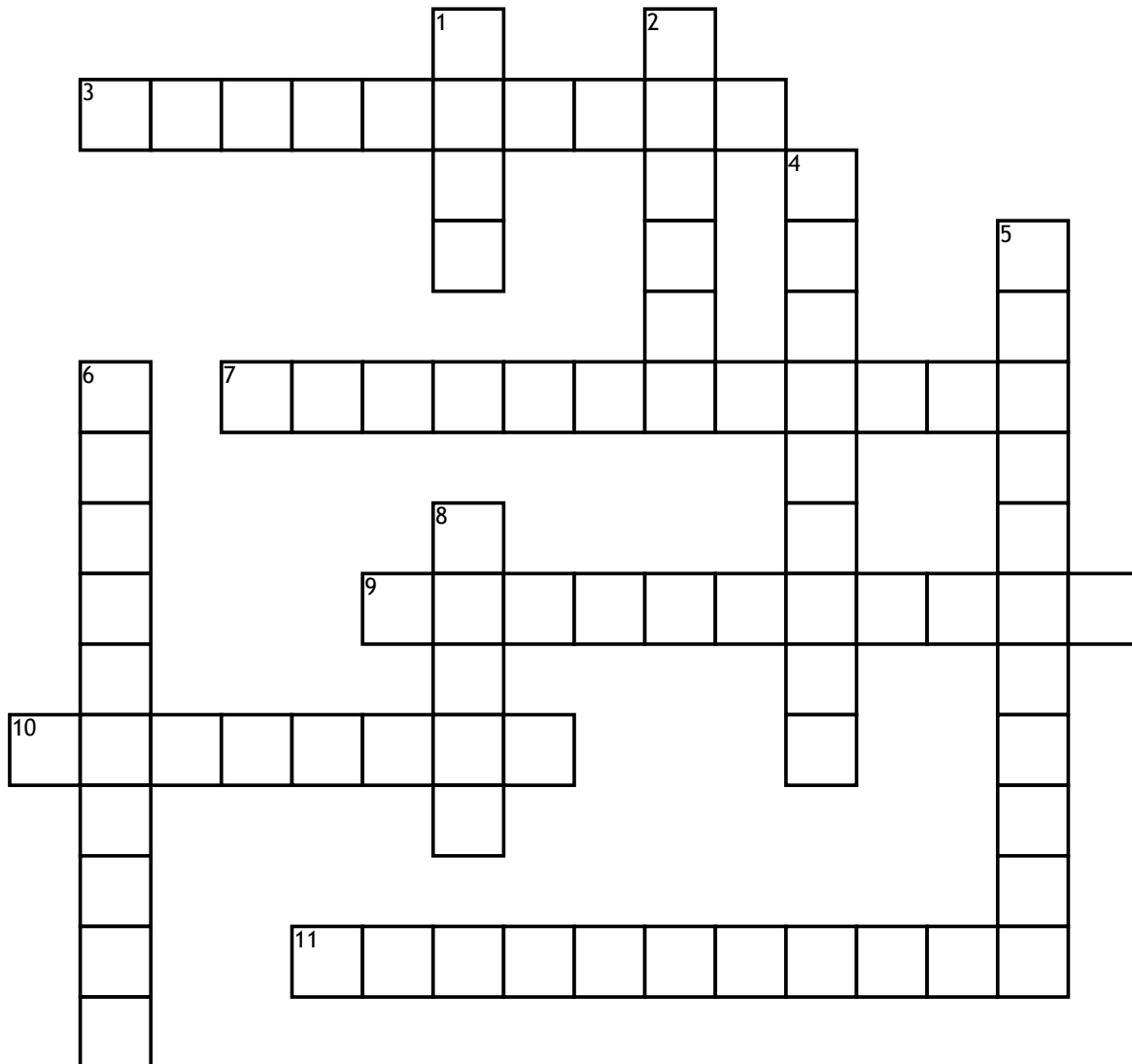


Transmitting and Receiving



Across

3. Two way communication with both directions at the same time possible
7. Decoding the analog signal into a digital form suitable for use by a computer
9. A circuit board contain the bus together with various chips
10. Has multiple lines of data transfer
11. Use to transfer data between the system bus and other hardware devices

Down

1. Needed to connect more than two nodes together
2. Occurs in a single line one bit follows the next
4. Made up of the data bus, the address bus and the control bus
5. Sending and receiving occurs in time with each other
6. Encoding digital data into an analog wave form
8. To provide an interface between analog waves used for long distance transfer and digital signals suitable for use by computers