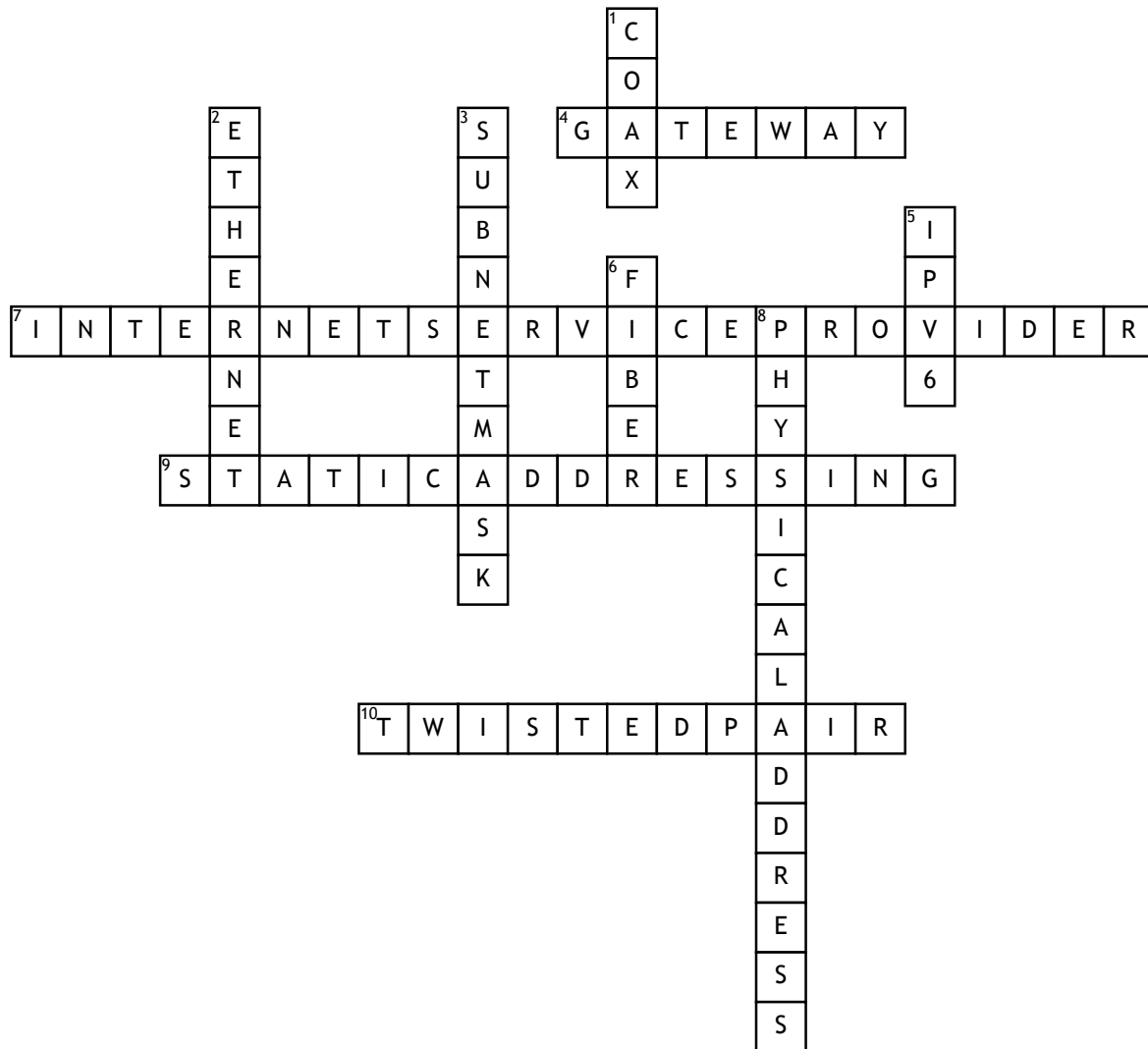


# Chapter 8 Networking Technologies



## Across

4. Device, software, or system that can convert data between incompatible systems or devices.

7. A company that provides Internet access to individuals and businesses. Also called ISP.

9. Configuring TCP/IP statically on a network and requires that an administrator visit each node to manually enter IP address information.

10. Type of cable in which four pairs of insulated conductors are twisted around each other in pairs.

## Down

1. Type of copper cable that features a central conductor surrounded by braided or foil shielding.

2. This network is a popular LAN implementation that uses Ethernet network adapters, contention-based media access, and twisted pair, coax, or fiber media.

3. 32-bit number assigned to each system to divide the 32-bit binary IP address into network and node portions.

5. 128 bits or 16 bytes denoted as eight hexadecimal blocks separated by colors.

6. A method used to connect devices to the Internet using fiber optic cable.

8. Uniquely identifies every individual card that connects to the network cable or media.