Certainly! In a nutshell, a **subnet** (or subnetwork) is a network within a network. [Subnetting makes networks more efficient by allowing network traffic to travel shorter distances without unnecessary detours through routers to reach its destination1](https://www.cloudflare.com/learning/network-layer/what-is-a-subnet/). Here are five free reference links where you can learn more about subnetting:

1. [**Cloudflare’s Explanation**](https://www.cloudflare.com/learning/network-layer/what-is-a-subnet/): Learn how subnetting works and why it’s essential for efficient network communication.
2. [**SearchNetworking Definition**](https://www.techtarget.com/searchnetworking/definition/subnet): Understand the concept of subnets as logical partitions of an IP network into smaller segments.
3. [**Subnet Cheat Sheet**](https://www.freecodecamp.org/news/subnet-cheat-sheet-24-subnet-mask-30-26-27-29-and-other-ip-address-cidr-network-references/): A handy cheat sheet with subnet mask values and explanations.
4. [**SolarWinds IT Glossary**](https://www.solarwinds.com/resources/it-glossary/subnetting): Dive deeper into subnetting and its role in network communication.
5. [**Cisco Learning Network**](https://learningnetwork.cisco.com/s/article/ipv4-subnetting-reference-chart): Explore an IPv4 subnetting reference chart for various IP classes and subnets.

Feel free to explore these resources to enhance your understanding of subnetting! 🌐🔍