A **subnet mask** defines a range of IP addresses available within a network, separating the network and host portions of an IP address. Here are some free resources to learn more about subnetting:

1. [**TechTerms.com**](https://techterms.com/definition/subnet_mask): Provides a clear definition and explanation of subnet masks.
2. [**Spiceworks**](https://www.spiceworks.com/tech/networking/articles/what-is-subnet-mask/): Offers insights into how subnet masks work and their benefits.
3. [**IPXO**](https://www.ipxo.com/blog/what-is-subnet-mask/): A beginner’s guide to subnetting, including examples and practical information.
4. [**GeeksforGeeks**](https://www.geeksforgeeks.org/subnet-cheat-sheet/): A comprehensive subnet cheat sheet covering basic to advanced concepts.
5. [**freeCodeCamp**](https://www.freecodecamp.org/news/subnet-cheat-sheet-24-subnet-mask-30-26-27-29-and-other-ip-address-cidr-network-references/): A detailed cheat sheet with subnet mask values, CIDR notation, and more.

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