**Exercícios com endereçamento *Internet Protocol (*IP) – 2ª PARTE**

1. **Preencha a tabela a seguir, seguindo o exemplo da primeira linha.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gateway**  **(1º IP válido na sub-rede)** | **Máscara padrão** | **Máscara de sub-rede** | **Endereço de Rede da sub-rede** | **Endereço de *broadcast* da sub-rede** | **Nº de IPs disponíveis para hosts e *gateway* na**  **sub-rede** | **Quantidade de sub-redes criadas com a máscara de sub-rede** |
| **198.201.67.129** | **255.255.255.0** | **255.255.255.128** | **198.201.67.128** | **198.201.67.255** | **126** | **2** |
| **200.201.202.1** |  | **255.255.255.128** |  |  |  |  |
| **215.65.68.1** |  | **255.255.255.192** |  |  |  |  |
| **211.35.45.65** |  | **255.255.255.192** |  |  |  |  |
|  |  | **255.255.255.224** | **213.210.65.128** |  |  |  |
|  |  | **255.255.255.128** |  | **201.207.208.255** |  |  |
|  |  |  | **214.78.98.160** | **214.78.98.191** |  |  |
|  |  |  | **201.203.204.208** | **201.203.204.223** |  |  |
| **206.12.14.191** |  |  |  |  | **62** |  |
| **220.28.45.65** |  |  |  |  |  | **8** |
|  |  |  | **207.208.223.64** |  |  | **4** |
|  |  |  |  | **198.197.12.63** |  | **8** |
|  |  |  | **205.12.32.128** |  | **30** |  |
| **195.62.12.65** |  |  |  | **195.62.12.127** |  |  |
|  |  |  | **194.12.32.192** | **194.12.32.223** |  |  |
|  |  | **255.255.255.240** | **193.222.15.160** |  |  |  |

**Tabela auxiliar:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **27** | **26** | **25** | **24** | **23** | **22** | **21** | **20** |
| **128** | **64** | **32** | **16** | **8** | **4** | **2** | **1** |
|  |  |  |  |  |  |  |  |

