1. Urči triedu adries nasledujúcich IP adries:

150.10.15.0 \_\_\_B\_\_

192.14.2.0 \_\_\_C\_\_

148.17.9.1 \_\_ B \_\_\_

193.42.1.1 \_\_\_ C \_\_

126.8.156.0 \_\_\_ A \_\_

220.200.23.1 \_\_ C \_\_\_

256.230.45.58 \_\_ X \_\_\_

177.100.18.4 \_ B \_\_\_\_

119.18.45.0 \_\_\_A\_\_

2. Určenie sieťovej a hosťovskej časti v IP adrese:

|  |  |  |  |
| --- | --- | --- | --- |
| Zakrúžkuj sieťovú časť danej IP adresy: | | Zakrúžkuj hosťovskú časť danej IP adresy: | |
| 158.98.80.0 | 148.17.9.1 | 123.102.45.254 | 171.102.77.77 |
| 217.21.56.0 | 193.42.1.1 | 148.17.9.155 | 55.250.5.5 |
| 10.250.1.1 | 126.8.156.0 | 100.25.1.1 | 218.155.230.14 |
| 150.10.15.0 | 220.200.23.1 | 195.0.21.98 | 10.250.1.1 |
| 192.14.2.0 | 100.17.8.6 | 25.250.135.46 | 150.14.6.205 |

3.

|  |  |
| --- | --- |
| Z danej IP adresy a masky siete napíš | |
| adresu siete: | číslo hosta na sieti: |
| 223.69.230.250 \_\_\_\_\_\_223.69.0.0\_\_\_\_\_\_\_  255.255.0.0  200.120.135.15 \_\_\_\_\_200.120.135.0\_\_  255.255.255.0  27.125.200.151 \_\_\_\_\_27.0.0.0\_\_\_\_\_\_\_  255.0.0.0  199.20.150.35 \_\_\_\_\_199.20.150.0\_\_\_  255.255.255.0  191.55.165.135 \_\_\_\_191.55.165.0\_\_\_\_  255.255.255.0  28.212.250.254 \_\_\_\_28.212.0.0\_\_\_\_\_\_\_  255.255.0.0 | 223.169.4.20 \_\_\_\_\_\_\_\_1044\_\_\_\_\_\_\_\_\_\_\_\_\_  255.255.0.0  203.20.35.215 \_\_\_\_\_\_\_\_\_215\_\_\_\_\_\_\_\_\_\_\_\_  255.255.255.0  117.0.2.51 \_563\_\_\_29+51\_\_\_  255.0.0.0  199.120.15.135 \_\_\_\_\_\_\_135\_\_\_\_\_\_\_\_\_\_\_\_\_  255.255.255.0  191.55.1.135 \_\_\_\_\_\_391\_\_\_\_\_28+ 135\_\_  255.255.0.0  48.1.1.54 \_\_ 65536+128+54= 65718 \_\_\_  255.0.0.0 1.2562+1.2561+54.2560 |

4. Napíš správnu default masku siete pre dané IP adresy:

177.100.18.4 \_\_\_\_\_\_\_\_\_255.255.0.0\_\_\_\_\_\_\_\_\_

119.18.45.0 \_\_\_\_\_\_\_\_\_255.0.0.0\_\_\_\_\_\_\_\_\_\_\_\_

191.249.234.191 \_\_\_\_\_\_\_\_\_255.255.0.0\_\_\_\_\_\_\_\_\_\_

223.23.223.109 \_\_\_\_\_\_\_\_\_255.255.255.0\_\_\_\_\_\_\_\_

10.10.250.1 \_\_\_\_\_\_\_\_\_255.0.0.0\_\_\_\_\_\_\_\_\_\_\_\_

126.123.23.1 \_\_\_\_\_\_\_\_\_\_255.0.0.0\_\_\_\_\_\_\_\_\_\_

223.69.230.250 \_\_\_\_\_\_\_\_\_\_255.255.255.0\_\_\_\_\_\_

192.12.35.105 \_\_\_\_\_\_\_\_\_\_255.255.255.0\_\_\_\_\_

77.251.200.51 \_\_\_\_\_\_\_\_\_\_255.0.0.0\_\_\_\_\_\_\_\_\_

256+135=391