

**Note:** Write answers of these questions in the same word file. **Class Exercise: Address Class Identification**

Address	Class
10.250.1.1	<u>A</u>
150.10.15.0	<u>B</u>
<b>103.236.162.56</b>	
<b>162.252.172.41</b>	
<b>180.181.68.221</b>	
<b>203.134.40.41</b>	
<b>211.26.68.46</b>	
<b>17.255.253.65</b>	
<b>1.128.96.254</b>	
<b>108.161.213.25</b>	
<b>12.198.43.9</b>	
<b>211.27.133.39</b>	

**Class Exercise: Host & Network Identification**

Circle the network portion of these addresses:

177.100.18.4

119.18.45.0

209.240.80.78

199.155.77.56

117.89.56.45

215.45.45.0

192.200.15.0

95.0.21.90

33.0.0.0

158.98.80.0

217.21.56.0

10.250.1.1

150.10.15.0

192.14.2.0

148.17.9.1

193.42.1.1

126.8.156.0

220.200.23.1

Circle the host portion of these addresses:

10.15.123.50

171.2.199.31

198.125.87.177

223.250.200.222

17.45.222.45

126.201.54.231

191.41.35.112

155.25.169.227

192.15.155.2

123.102.45.254

148.17.9.155

100.25.1.1

195.0.21.98

25.250.135.46

171.102.77.77

55.250.5.5

218.155.230.14

10.250.1.1

## Class Exercise: Network Addresses

Using the IP address and subnet mask shown write out the network address:

188.10.18.2

255.255.0.0

188 . 10 . 0 . 0

10.10.48.80

255.255.255.0

10 . 10 . 48 . 0

192.149.24.191

255.255.255.0

150.203.23.19

255.255.0.0

10.10.10.10

255.0.0.0

186.13.23.110

255.255.255.0

223.69.230.250

255.255.0.0

200.120.135.15

255.255.255.0

## Class Exercise: Host Addresses

Using the IP address and subnet mask shown write out the host address:

188.10.18.2	<u>0 . 0 . 18 . 2</u>
255.255.0.0	
10.10.48.80	<u>0 . 0 . 0 . 80</u>
255.255.255.0	
222.49.49.11	<u></u>
255.255.255.0	
128.23.230.19	<u></u>
255.255.0.0	
10.10.10.10	<u></u>
255.0.0.0	
200.113.123.11	<u></u>
255.255.255.0	
223.169.23.20	<u></u>
255.255.0.0	
203.20.35.215	<u></u>
255.255.255.0	

### **Class Exercise: Default SubnetMasks**

1. 12.34.56.78
2. 45.67.89.100
3. 172.16.5.10
4. 180.200.50.25
5. 200.55.34.12
6. 23.45.67.89
7. 55.120.200.15
8. 128.45.67.90

- 9. 150.100.25.5
- 10. 192.168.1.100
- 11. 210.123.45.67