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

Address	Class
10.250.1.1	_A_
150.10.15.0	_B_
103.236.162.56	A
162.252.172.41	B
180.181.68.221	C
203.134.40.41	C
211.26.68.46	C
17.255.253.65	A
1.128.96.254	A
108.161.213.25	A
12.198.43.9	A
211.27.133.39	C

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.(45.112)

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

192.149.24.0

150.203.23.19
255.255.0.0

150.203.0.0

10.10.10.10
255.0.0.0

10.0.0.0

186.13.23.110
255.255.255.0

186.13.23.0

223.69.230.250
255.255.0.0

223.69.0.0

200.120.135.15
255.255.255.0

200.120.135.0

Class Exercise: Host Addresses

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

188.10.18.2
255.255.0.0

_0 . 0 . 18 . 2_

10.10.48.80
255.255.255.0

_0 . 0 . 0 . 80_

222.49.49.11
255.255.255.0

_0 . 0 . 0 . 11_

128.23.230.19
255.255.0.0

_0 . 0 . 230 . 19_

10.10.10.10
255.0.0.0

_0 . 10 . 10 . 10_

200.113.123.11
255.255.255.0

_0 . 0 . 0 . 11_

223.169.23.20
255.255.0.0

_0 . 0 . 23 . 20_

203.20.35.215
255.255.255.0

_0 . 0 . 0 . 215_

Class Exercise: Default SubnetMasks

1. 12.34.56.78   255.0.0.0

2. 45.67.89.100   255.0.0.0

3. 172.16.5.10   255.255.0.0

4. 180.200.50.25   255.255.0.0

5. 200.55.34.12   255.255.255.0

6. 23.45.67.89   255.0.0.0

7. 55.120.200.15   255.0.0.0

8. 128.45.67.90   255.255.0.0

9. 150.100.25.5   255.255.0.0

10. 192.168.1.100   255.255.255.0

11. 210.123.45.67   255.255.255.0

0 → 127   class A   255.0.0.0
128 → 191 class B   255.255.0.0
172 → 223 class C   255.255.255.0
224 → 289 class D
240 → 255 class E