

Subnetting TCP/IP Networks Handout

April 24, 2010

Practice

Convert the following conversions, answering in binary.

18

101

7

67

83

34

187

228

0

44

Practice

Convert the following conversions, answering in base 10 numbers.

0000 0011

0010 0111

1011 1010

1110 1110

0011 0101

1001 1111

1100 0011

1110 1001

1111 1111

0000 1110

Practice

Class B Subnetting of IP Address 128.32.0.0

Create 16 subnets
for the IP address
128.32.0.0

Subnet Mask	No. of Subnets	Number of Hosts	Network Address	Usable IP Range	Broadcast Address
	16				

11111111.11111111._____ .00000000 or _____

Practice

Class C Subnetting of IP Address 192.168.0.0

Create 16 subnets
for the IP address
192.168.0.0

Subnet Mask	No. of Subnets	Number of Hosts	Network Address	Usable IP Range	Broadcast Address
	16				

11111111.11111111.11111111._____ or _____