Assignment 3

1, 192.168.2,76/28

128 64 32 16 8 4

00110010.010000000.000101.00000011

11000000, 10101000.00000010.01000000 192.168.2.64

1st usable 192.168, 2.65

2.192.168.2.7619

11000000, 10101000, 00000010, 01001100

1111111 10000000,00000000 00000000

192. 128 . 0 .

15 Usable 192, 128.0,1



3. 192.168.2.137 27

11111111 11111111 1111111 11100000

11000000.10101000.00000010.10000000

192 . 168 . 2 . 128 15+ Usable 192 168. 2,129

±5.10110.2.8 | 29 32-29 = 3 23 = 8

Total Address = 8 Vsable Address = 6



4. 101.10.2.8/15 32-15=17 2'7=131072 Total Addresses = 13/072 Usable Addresses = 131,070

