Activity – Calculate the Network, Broadcast and Host Addresses

Exercise - 1

Given address/prefix of 191.229.220.171/24

Type of Address	Enter Last octet of network prefix in binary	Enter LAST octet in decimal	Enter full address in decimal
Network			
Broadcast			
First Usable Host Address			
Last Usable Host Address			

Exercise - 2

Given address/prefix of 131.226.9.98/17

Type of Address	Enter Last octet of network prefix in binary	Enter LAST octet in decimal	Enter full address in decimal
Network			
Broadcast			
First Usable Host Address			
Last Usable Host Address			

Exercise - 3

Given address/prefix of 190.65.218.90/21

Type of Address	Enter Last octet of network prefix in binary	Enter LAST octet in decimal	Enter full address in decimal
Network			
Broadcast			
First Usable Host Address			
Last Usable Host Address			

Exercise - 4

Given address/prefix of 156.40.61.165/21

Type of Address	Enter Last octet of network prefix in binary	Enter LAST octet in decimal	Enter full address in decimal
Network			
Broadcast			
First Usable Host Address			
Last Usable Host Address			

Exercise - 5

Given address/prefix of 132.47.181.251/30

Type of Address	Enter Last octet of network prefix in binary	Enter LAST octet in decimal	Enter full address in decimal
Network			
Broadcast			
First Usable Host Address			
Last Usable Host Address			

Exercise - 6

Given address/prefix of 139.200.82.18/25

Type of Address	Enter Last octet of network prefix in binary	Enter LAST octet in decimal	Enter full address in decimal
Network			
Broadcast			
First Usable Host Address			
Last Usable Host Address			

Activity – Public and Private IPv4 Addresses

	Public	Private
172.16.35.2		
192.168.3.5		
192.0.3.15		
64.104.0.22		
209.165.201.30		
192.168.11.5		
172.16.30.30		
10.55.3.168		