- Wildcard Mask Exercises -

1. You wish to match all hosts on the 192.168.1.0/24 network. What address and wildcard mask combination should you use?

   192.168.1.0 0.0.0.255

2. You wish to match the specific host 172.16.1.1. What address and wildcard mask combination should you use?

   172.16.1.1 0.0.0.0

3. You wish to match all possible hosts. What address and wildcard mask combination should you use?

   0.0.0.0 255.255.255.255

4. You wish to match the following addresses: 10.1.1.16-31. What address and wildcard mask combination should you use?

   10.1.1.16 0.0.0.15

* * *

5. You wish to match all even addresses on the 10.1.1.x/24 network. What address and wildcard mask combination should you use?

10.1.1.0 0.0.0.254

6. You wish to match all odd addresses on the 10.1.1.x/24 network. What address and wildcard mask combination should you use?

10.1.1.1 0.0.0.254

7. You have the following address space: 10.x.x.x/8. You wish to match any address in the second and fourth octets, but the first and third must be: 10.x.10.x. What address and wildcard mask combination should you use?

10.0.10.0 0.255.0.255

* * *

8. You wish to match all odd addresses from 192.168.1.32-64. What address and wildcard mask combination should you use?

192.168.1.33 0.0.0.30

* * *