

Your name:

1. The special IPv4 address blocks—10/8, 172.16/12, and 192.168/16—are used for
 - (a) broadcast.
 - (b) local addresses that are invalid on the greater Internet.**
 - (c) multicast.
 - (d) whatever the owners of those address blocks want to use them for.

2. Which of these address blocks has the fewest addresses?
 - (a) 10/8
 - (b) 172.16/12
 - (c) 192.168/16**
 - (d) each block contains the same number of addresses.

3. Which of these address blocks could be partitioned into subnets by a system administrator?
 - (a) 10/8
 - (b) 172.16/12
 - (c) 192.168/16
 - (d) all of the above**
 - (e) none of the above

4. The 10/8 network allocation contains approximately how many IP addresses?
 - (a) 2^4
 - (b) 2^8
 - (c) 2^{16}
 - (d) 2^{24}**
 - (e) 2^{32}

5. Approximately how many /16 network blocks, such as 192.168/16, are supported by IPv4?
 - (a) 2^4
 - (b) 2^8
 - (c) 2^{16}**
 - (d) 2^{24}
 - (e) 2^{32}