Quiz7_1 Check Your Understanding - IPv4 Address Structure

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* Indicates required question

Student number & Your name *

Choose ▾

1. Host-A has the IPv4 address and subnet mask 10.5.4.100,   * 1 point
255.255.255.0. What is the network address of Host-A?

○ 10.5.0.0

○ 10.5.4.0

○ 10.0.0.0

○ 10.5.4.100

2. Host-A has the IPv4 address and subnet mask 172.16.4.100,   * 1 point
255.255.0.0. What is the network address of Host-A?

○ 172.16.4.100

○ 172.16.0.0

○ 172.0.0.0

○ 172.16.4.0

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3. Host-A has the IPv4 address and subnet mask 10.5.4.100, 255.255.255.0. Which of the following IPv4 addresses would be on the same network as Host-A? (Choose all that apply)

* 1 point

- ☐ 10.5.100.4
- ☐ 10.5.4.99
- ☐ 10.0.0.98
- ☐ 10.5.4.1
- ☐ 10.5.0.1

4. Host-A has the IPv4 address and subnet mask 172.16.4.100, 255.255.0.0. Which of the following IPv4 addresses would be on the same network as Host-A? (Choose all that apply)

* 1 point

- ☐ 172.17.4.1
- ☐ 172.17.4.99
- ☐ 172.18.4.1
- ☐ 172.16.0.1
- ☐ 172.16.4.99

5. Host-A has the IPv4 address and subnet mask 192.168.1.50, 255.255.255.0. Which of the following IPv4 addresses would be on the same network as Host-A? (Choose all that apply)

* 1 point

- ☐ 192.168.1.1
- ☐ 192.168.2.1
- ☐ 192.168.1.100
- ☐ 192.168.0.100
- ☐ 192.168.0.1

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