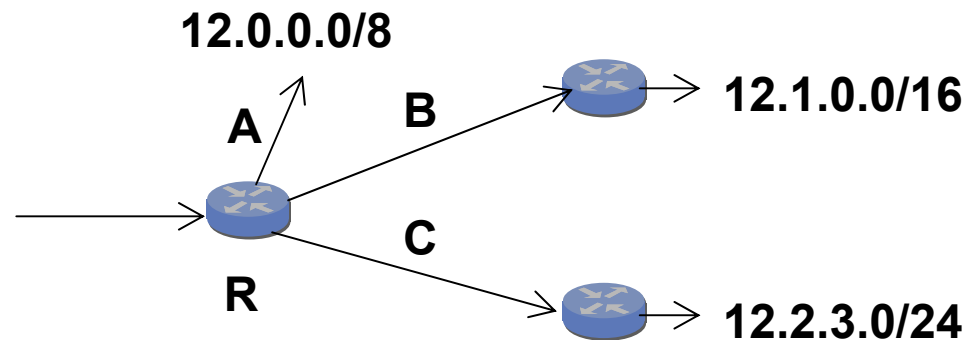


Sample Question

Consider the following 3 routers, where router R has outgoing interfaces A, B and C



- How many IP addresses does the prefix 12.2.3.0/24 represent?

- List the forwarding-table entries for router R?

Sample Question (contd.)

- Which outgoing interface does R use for a packet with destination 12.2.3.1

- Which outgoing interface does R use for a packet with destination 12.1.2.3?

- Which outgoing interface does R use for a packet with destination 12.2.4.5?