COMPTIA NETWORK:

Here are short notes on the classes of IPv4 addresses:

Class A:

Range:1.0.0.0 to 126.0.0.0

Default subnet mask:255.0.0.0

First octet is used for network ID, remaining 3 for host ID

Class B:

Range:128.0.0.0 to 191.255.0.0

Supports medium-sized networks(up to 65,534 hosts)

Default subnet mask:255.255.0.0

First 2 octets for network ID, remaining 2 for host ID

Class C:

Range:192.0.0.0 to 223.255.255.0

Supports small networks (up to 254 hosts)

Default subnet mask:255.255.255.0

First 3 octets for network ID, last octet for host ID

Class D:

Range:224.0.0.0 to 239.255.255.255

Used for multicasting (not for normal host addressing)

No subnet mask