**You are given three IP addresses: 10.1.1.1, 172.16.5.10, and 192.168.1.5.**

**Task: Identify the class of each IP address (Class A, B, or C). What is the default subnet mask for each class?**

**Provide the range of IP addresses for each class.**

Given IPs: 10.1.1.1, 172.16.5.10, 192.168.1.5

| **IP Address** | **Class** | **Default Subnet Mask** | **IP Range** |
| --- | --- | --- | --- |
| 10.1.1.1 | Class A | 255.0.0.0 | 10.0.0.0 - 10.255.255.255 (Private) |
| 172.16.5.10 | Class B | 255.255.0.0 | 172.16.0.0 - 172.31.255.255 (Private) |
| 192.168.1.5 | Class C | 255.255.255.0 | 192.168.0.0 - 192.168.255.255 (Private) |