**P7**

The time to get the IP address:

RTT\_1 + RTT\_2 + ... + RTT\_n

Response time in total:

2RTT\_0 + RTT\_1 + RTT2 + ... + RTT\_n

**P8**

a.

Time\_a = RTT\_1 + RTT\_2 + ... + RTT\_n + 2RTT\_0 + 8\*2 RTT\_0 = 18RTT\_0 + RTT\_1 + ... + RTT\_n

b.

Time\_b = RTT\_1 + RTT\_2 + ... + RTT\_n + 2RTT\_0 + 2\*2 RTT\_0 = 6RTT\_0 + RTT\_1 + ... + RTT\_n

c.

With pipelining:

Time\_c1 = RTT\_1 + RTT\_2 + ... + RTT\_n + 2RTT\_0 + RTT\_0 = 3RTT\_0 + RTT\_1 + ... + RTT\_n

Without pipelining & parallel connections:

Time\_c2 = RTT\_1 + RTT\_2 + ... + RTT\_n + 8RTT\_0 = 10RTT\_0 + RTT\_1 + ... + RTT\_n

