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Assignment for Chap 7

1. B
2. C

Sol. The total time of obtain IP address:

The total time of establishing TCP connection & receiving object:

Thus, time elapses.

Sol.

1. We need to have 8 times connecting TCP, the total time is
2. Note that , so the total time is
3. For persistent HTTP with pipelining, we can just set up TCP connection for one time and the rest 8 objects can be transported in one RTT with the same TCP connection, so the total time is   
   As for persistent HTTP without pipelining, each RTT could just transport one object, so the total time is