# Exercises 1.1

1. According to the TCP/IP model, which layer does the http protocol belong to?

   **Ans: Application layer**

2. According to the OSI model, which layer does the http protocol belong to?

   **Ans: Application layer**

3. Which Protocol is used to translate domain names into IP addresses and vice versa?

   **Ans: DNS - Domain Name System**

4. Which Protocol is used to transfer files from a client to a server?

   **Ans: FTP - File Transfer Protocol**

5. What is the 1st layer of the TCP model?

   **Ans: Application layer**

6. In which internet protocol is ping?

   **Ans:  ICMP - Internet Control Message Protocol**

7. For the "transport layer", which protocol is best suited for video broadcasting?

   **Ans: UDP - User Datagram Protocol**

8. Which protocol allows the link between mac addresses and ip addresses between an IP address and a physical address ?

   **Ans: ARP - Address Resolution Protocol**

9. Which protocol allows you to access and store emails on a mail server remotely?

   **Ans: IMAP and POP3**