

CompSci Unit 5 – Networks

What is a **computer network**? (3.5.1)

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What are the pros and cons of setting up and using a **network**? (3.5.1):

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.....
.....

Say what each type of network is and give **one** place each might be used (3.5.1):

LAN	
WAN	
PAN	

List the **two** types of **cable** that can be used in wired networks (3.5.1):

- 1.
- 2.

What are the pros and cons of **wired** and **wireless** networks? (3.5.1):

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.....
.....

List the two **network topologies**. Draw a quick sketch of each. (3.5.1):

- 1.
- 2.

Define what a **network protocol** is (3.5.2)

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List the **8 protocols** and say what each is used for (not the protocol families) (3.5.2)

Name the **two protocol families** and say what each is used for (3.5.2)

Fill out the 4 layers of the **TCP/IP Stack**. What is each for? Which protocols go where (3.5.2)

List the **four methods of network security** (3.5.3)

- 1.
- 2.
- 3.
- 4.