

EX1

1. We use the **present simple**
2. We use the **present continuous**
3. We use the **present perfect**

EX2

- a) starts
- b) finishes
- c) works
- d) develops
- e) sells
- f) is working
- g) are creating
- h) allows
- i) click
- j) determinates
- k) provides
- l) are becoming
- m) is
- n) spends
- o) goes
- p) is going
- q) are having
- r) are launching

EX3

- a) Where does Mike print all his documents?
- b) When is the team meeting?
- c) Why are you looking for a new PC?
- d) Who maintains the computer in our company?

EX 4

- a) already frozen
- b) Have you tried?
- c) have lost
- d) have had
- e) has stolen
- f) has released
- g) already spoken // haven't solved

EX 5

- a) Pete has worked here since 2008
- b) She has had
- c) The company has't posted a message on its Twitter profile for the past two weeks
- d) We haven't updated the antivirus software since last yeas.
- e) I haven't upgraded my workstation since I bought it.

EX 6

- a) Have you ever assembled your own PC?
- b) Have you ever designed a mobile application?
- c) Have you ever been a webmaster?
- d) Have you ever made a telephone call in English?
- e) have you ever worked as an IT professional?

EX 7

- | | |
|-----------------|--------------------|
| a) Are // doing | m) works |
| b) am waiting | n) travels |
| c) walk | o) doesn't speak |
| d) live | p) has |
| e) think | q) Does he // live |
| f) is talking | r) has stayed |
| g) know | s) has found |
| h) studies | t) has already met |
| i) is studying | u) has never lived |
| j) loves | |
| k) don't speak | |
| l) speaks | |

EX 1

- 1) 4.20 GHz
- 2) 16 GB

EX 2

- 1. Matt and Steven Tablet // friends
- 2. James and Helen Smartwatch // mother and son
- 3. Nick and Ian Workstation // customer and shop assistant

EX 3

Conversation 1

- a) Because he needs something lighter than his laptop.
- b) 16 Hz 16 GB internal memory
- c) 295 . He can't afford that.

Conversation 2

- a) checking e-mail, read on Twitter, Listen to music, download apps
- b) Because he wants the latest technology.
- c) Because it's expensive and he doesn't have job.

Conversation 3

- a) 3.7 GHz
- b) 8 GB
- c) 1TB
- d) Windows 8
- e) 1150
- f) 3 years

Ex 1

- a

for
- b

want
- c

expensive
- d

reliable
- e

capacity
- f

come
- g

warranty

Ex 2

Addition	Contrast	Result or effect	Summary

Ex 3

- a) besides
- b) so
- c) however
- d)
- e)

Exercise 2

- a) He is an accidental revolutionary because his improvement ideas about Minix weren't take into consideration and he decided to write his own kernel which soon became the most widely-ported OS.
- b) It's easy to install by any user
It's an open source OS
It is not only used in computers but also in appliances and small devices
- c) It means that other users can copy the source code, modify it and distribute it.
- d) His grandfather is important in his life because Linus inherited his interest in science from him.
- e) He decided to create his own kernel because his improvement ideas weren't taken into consideration by the creator of Minix.
- f) No, he was the creator, but programmers modified it.
- g) He received an mail asking for a date.

Exercise 3

- a) False
Linux was created by a university student
- b) True
- c) True
- d) False
His grandfather influenced him
- e) False
Linus did accept improvements by other programmers.

Exercise 4

- a) countless
- b) modify
- c) well-known
- d) annoyed
- e) supervisor

Exercise 5

- a) stable
- b) cheaper
- c) different
- d) widely-ported
- e) shortcomings

Exercise 6

- a)

Exercise 1

- 1) past simple
- 2) past continuous
- 3) past perfect

Exercise 2

- a) was born
- b) was
- c) developed
- d) founded
- e) sent
- f) shared
- g) died

Exercise 3

- 1) Where was he born?
- 2) What did he create?
- 3) Where did he study and who was his teacher?
- 4) How many patents did he hold?
- 5) Why did he invent the first practical phone?

Alexander Graham Bell

Exercise 4

- a) was studying - came across
- b) were installing – entered
- c) was talking – went
- d) When we got – was already taking off
- e) were talking – arrived
- f) was playing – was doing

Exercise 5

- a) Went – had already left
- b) had repaired - got
- c) went / had already finished
- d) brought – hadn't ordered
- e) had tried - made

Exercise 6

- a) ago
- b) when
- c) never
- d) while
- e) in – before

Exercise 7

- a) came
- b) had phoned
- c) wasn't working
- d) saw
- e) said
- f) had
- g) had used
- h) was repairing
- i) was watching
- j) had crashed
- k) had died
- l) told
- m) had already finished
- n) paid
- o) gave

Exercise 1

- a) Windows 8 and Linux
- b) Andy

Exercise 2

- a) False. Was Andy who had an interesting summer.
- b) False. Fortnight (quincena).
- c) False. The classes are starting soon
- d) False. Windows first and then Linux
- e) True
- f) True

Exercise 3

- a) 20
- b) They use a program called Clonezilla
- c) Because she was sick
- d) Class A1
- e) He is going for coffee

Exercise 2

- 1) Server
- 2) Wireless access point
- 3) Switch
- 4) Broadband modem
- 5) Firewall

Exercise

3) Server → A computer or computer program which manages access to a centralized resource or service in a network.

Wireless access point: → Is a networking hardware device that allows other Wi-Fi devices to connect to a wired network.

Broadband modem → A device that connects cable or DSL Internet service to the computer or network.

Firewall → Protect a network or system from unauthorized access with a firewall.

Exercise 4

- 1.b
- 2.b
- 3.b
- 4.a
- 5.c
- 6.a
- 7.a
- 8.b

Exercise 5

- a. configure
- b. address
- c. network
- d. sharing
- e. turn
- f. cables

Exercise 6

- a) up
- b) in on
- c) in

- 1) log in
- 2) plug in
- 3) set up
- 4) turn on

Exercise 2

- a) False → a LAN is a Local Area Network, extend over a small area as an office building, school or residential home.
- b) True → On a peer-to-peer network all devices are connected together and act as both suppliers and consumers of resources without needing a server.
- c) True → In ring networks each node is connected to two other nodes. Data flows in one direction passing through each machine until the destination device receives it.
- d) False → A HUB is slower as it sends every packet of data to every device, whereas a switch only sends a packet of data to the destination device.

Exercise 3

- a) The main difference between LAN and WLAN is that, LAN use cables to connect computers and WLAN use high frequency radio waves for communication.
- b) A bus network is slow because all of the nodes share the same cable.
- c) Star networks are expensive to install because they require a lot of cable and extra hardware.

Exercise 4

BUS

Advantage → Is cheap and easy to install

Disadvantage → It can be quite slow because all of the nodes shares the same cable

RING

Advantage → Can transfer data quickly, even if there are many devices connected because there cannot be any data collision.

Disadvantage → If there is a break in the cable in the cable or any device is faulty, the whole network fail.

STAR

Advantage → If a component fails, all the others still work. They are very fast due to the fact that each computer has its own cable.

Disadvantage → They are quite expensive to install since they require a lot of cable and extra hardware.

Exercise 5

- a) Connected \rightarrow Linked
- b) Node \rightarrow Device
- c) Layout \rightarrow Structure
- d) Flows \rightarrow Travels
- e) Require \rightarrow Need

Exercise 6

BUS ----- RING

 STAR

Exercise 7

- a) MAN → Useful for a city
- b) PAN → Are for personal use
- c) LAN →

Exercise 2

- a) I must remember to send My CV and the letter of application. The deadline is tomorrow.
- b) Andrew has to work on Saturdays.
- c) You don't have to pay. The entrance is free.
- d) You mustn't be late to work.
- e) Students mustn't smoke on the school grounds. It's forbidden.

Exercise 3

- a) have to take
- b) has to pass
- c) mustn't touch
- d) don't have to walk
- e) have to come
- f) doesn't have to study
- g) I have to pick up
- h) must hurry up
- i) mustn't smoke

Exercise 4

- a) You mustn't insult people on a forum
- b) You don't have to cook tonight.
- c) You mustn't cheat in a test.
- d) You don't have to come to the meeting.
- e) I must work extra hours today.
- f) You must create an account.

Exercise 6

- a) You should make a copy of all the important files before formatting your hard drive.
- b) You shouldn't pull out a removable device without turning it off. It can damage your external drive.
- c) You should scan all email attachments for viruses before opening them.
- d) You should turn off the file sharing facility if you are working on a public network.
- e) You should install and update a good antivirus program to protect your computer.

Exercise 7

- a) It may rain today.
- b) I may get a promotion at work.
- c) You should format your PC.
- d) It may be an infected file.
- e) You shouldn't open unknown attachments in emails.
- f) I may not get the new iPad.

Exercise 8

- a) may be
- b) have to
- c) should
- d) should
- e) don't have to

Exercise 9

- a) ought
- b) must
- c) shouldn't
- d) might

Exercise 2

- a) problems with his laptop, can't connect to his home wireless network
- b) started yesterday
- c) switch off the router several times
- d) A key with signal waves
- e) FN Key key and one of the function keys F1, F2, F3

Exercise 3

- a) drops out
- b) turn in
- c) screensaver
- d) channel
- e) WRT54G
- f) http:// 192.168.1.1 // search bar
- g) technician

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Exercise 1

1 \rightarrow b

2 \rightarrow f

3 \rightarrow c

4 \rightarrow e

5 \rightarrow d

6 \rightarrow a

Page 32

Exercise 2

1 \rightarrow b

2 \rightarrow d

3 \rightarrow e

4 \rightarrow f

5 \rightarrow a

6 \rightarrow c

Writing

Hello Angela!

First of all, if you spend too much time using computer or laptop is very important to set up a computer workstation to make computer use more comfortable and efficient.

It would be a good idea get an adjustable chair with dynamic chair back, arms and elbows should be relaxed close to body and your back straight.

About your headaches and your eyes problem, I think the best thing for you to do is adjust top of monitor at eye level. Make sure you use your computer in natural light, not artificial light.

I advice not to use the computer for a long time without taking a break.

I hope you find my advice useful, have a nice day.

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Exercise 2

- a) domain name
- b) networks
- c) IP address
- d) intranet
- e) protocol
- f) TCP / IP

Exercise 3

bridge

networks

data

email

log

connection

Exercise 5

- a) Newsgroup
- b) URL
- c) World Wide Web
- d) Search engine
- e) Router
- f) Browser
- g) Email
- h) DNS
- i) HTML

Exercise 2

Web 3.0 → Is the next relevant change in both how websites are created and how people interact with them. It will be an artificially intelligent web that will allow people to find whatever they are looking for easier and faster instead of visiting many webs.

Exercise 3

- a) Because changes require time and precision.
- b) Yes, because it's popular, attractive and catchy.
- c) Find movies and food easier and faster instead of visiting many webs.
- d) Yes, it will become your personal assistant and learn faster about your tastes.
- e) Has to do with the increasing popularity of mobile devices and the use of the Internet for entertainment in mobile phones.

Exercise 4

- a) True
- b) False. About interaction with users.
- c) True
- d) False. Computers will be similar to humans.
- e) True
- f) True

Exercise 5

- a) important → relevant
- b) captivating → catching
- c) kept → stored
- d) noticeable → outstanding
- e) shops → stores
- f) shopping centre → mall

Exercise 6

- a) well known
- b) permit
- c) turn into
- d) such as
- e) regarding

Page 37

Exercise 1

- 1. will
- 2. be going to
- 3. present continuous
- 4. present simple

Exercise 2

- a) arrives
- b) will
- c) are going to
- d) are going to
- e) will
- f) will
- g) will travel
- h) is going to
- i) is going to
- j) finishes

Exercise 3

- 1. where do yo plan to live?
- 2. Are you going to play football next weekend?
- 3.
- 4.
- 5.

Exercise 5

- a) I will
- b) is going to
- c) leaves
- d) will be
- e) will win
- f) will
- g) are you meeting

Exercise 6

- a) 2
- b) 2
- c) 2
- d) 1
- e) 1

Exercise 7

- a)
- b)
- c)
- d)

Exercise 1

- a) is about cooking and recipes
- b) when her husband died
- c) her recipes are real for real people and homemade and very healthy
- d) design, choosing colors, shapes, icons, programs
- e) cooking webs, forum to change ideas, tutorials
- f) good idea, catching name of the blog and every

Exercise 2

- 1. a
- 2. c
- 3. b
- 4. b
- 5. c
- 6. c

Exercise 4 → Writing

I will talk about how life will be in 2050.

I think that in the future houses will look very similar on the outside, but inside they will be more intelligent and automated.

I can't imagine what the media will be like in a few years' time, as it will be easier for anyone to communicate with each other.

Face-to-face relationships will be less frequent, due to the convenience of communicating with new technologies.

Languages are likely to be unified, many of those that are no longer in use will disappear and those that are currently most widely spoken, such as English or Chinese, will be globalised.

Health will improve and life expectancy will increase due to new discoveries and technological advances and I hope that we have learned from cases like the pandemic.

I hope that food will not follow the course it is taking now, otherwise it will become less healthy every day and of poorer quality.

Finally, I believe that computers will evolve further, becoming more autonomous and easier for any user.