

## READING

### Unit 6: Exercise 1

Read the information. Then read the sentences. Choose the correct definitions of the underlined words and phrases. Use the context to help you.

Some words in English have more than one meaning. These words are called *homonyms*.

Homonyms are words that are spelled or pronounced the same but have different meanings.

*True homonyms* are words that are both spelled and pronounced the same. It is important to look at the word in context to work out the meaning. For example:

#### True homonym: **park**

1. a large area of land with grass and trees
2. to put a vehicle in a place where it can stay for a period of time

*You are only allowed to park there between the hours of 8 p.m. and 6 a.m.*

In the sentence above, the context tells us that *park* means *to put a vehicle in a place where it can stay for a period of time*.

1. We have seen huge advances in the field of 3-D technology in recent years, with engineers now able to print custom-made surgical tools.
  - money paid to a person before they start working on a project
  - specially made for a particular person or group
  - the development or progress made in a field of study
2. It is evident that the digital divide between rich and poor countries is getting bigger and bigger.
  - the different types of technology available to a person
  - the gap between those with regular access to technology and those without it
  - the process of separating different technologies into groups
3. The company is renowned for its innovative products, which are unlike any other products on the market.
  - high-quality
  - newly developed and original
  - reliable
4. The concept of energy used by a wide variety of scientific disciplines dates back to the seventeenth century.
  - a particular area of study or knowledge
  - a person who has specialist knowledge in a particular area of study
  - the ability to control yourself or other people
5. Even though the group agreed that more funding was needed for the new research project, they were unable to reach a consensus on exactly how the money should be spent.
  - a conclusion based on statistical data
  - an agreement among a group of people
  - a person who makes a decision
6. It wasn't until the discovery was published in the monthly scientific journal that the team received global recognition for all their hard work.
  - a formal document used for writing notes about an experiment
  - a serious newspaper or magazine that deals with a particular subject
  - a written private record of what you have done each day

## Unit 6: Exercise 2

Write the noun forms of the verbs. The first one has been done for you.

1. verify	verification
2. accomplish	-----
3. innovate	-----
4. assess	-----
5. justify	-----
6. analyse	-----
7. observe	-----
8. prefer	-----
9. assume	-----

## Unit 6: Exercise 3

Read the extracts from a science class. Choose the correct verb forms to complete the sentences.

1. In today's lesson, I'm explaining/I'm going to explain/I will explain how an electrical circuit works.
2. Do the experiment carefully and you are going to see/you'll see/you're seeing the chemical change from a liquid to a solid.
3. Remember that you aren't passing/won't pass/wouldn't pass your exams if you don't start working harder.
4. Do you predict that the ice is melting/melts/will melt more quickly in that container?
5. What action do you think is causing/will cause/will have been causing the water to change from a liquid into a gas after we have poured it into the container?
6. Tomorrow I'm going to plan/I'm planning/I will plan to repeat this experiment, but I'm going to make a few changes to see if we get a different result.
7. By the end of the lesson, we will complete/we will have been completing/we will have completed three experiments to show how an electrical circuit works.
8. This time next week, all the students are doing/do/will be doing a vocational placement in their chosen industries.

## Unit 6: Exercise 4

Read the information. Then complete the sentences. Use the verbs in brackets in the correct form: the future perfect or the future continuous.

Read the following sentences:

*This time next week, I will be working as an intern for a publishing company. I will have finished the internship by the end of August.*

*I will be working* is an example of the *future continuous*. We use the future continuous to talk about something that will be in progress at a time in the future. *I will have finished* is an example of the *future perfect*. We use the future perfect to talk about something that will be complete by a particular time in the future.

The following time expressions are commonly used with the future continuous and the future perfect:

### Future continuous

**this time** next week / next month / next year **by** next week / next month / next year

**next** week / month / year

**in tomorrow's** meeting / lecture

### Future perfect

**by** the time

**before** I leave university / the conference

1. By the end of the year, he \_\_\_\_\_ (deliver) over 100 lectures on biochemistry.
2. Next week she \_\_\_\_\_ (conduct) a seminar on advances in space technology for a group of scientists from China.
3. The guest speakers \_\_\_\_\_ (discuss) the digital divide and its impact on global development in tomorrow's lecture.
4. Most students \_\_\_\_\_ (complete) the project on nanotechnology by the end of next week.
5. If all goes to plan, I \_\_\_\_\_ (write) my presentation before the conference begins next Wednesday.
6. Next Tuesday, on his day off from college, he \_\_\_\_\_ (prepare) his talk on relativity.
7. Even at the start of the advanced course, they \_\_\_\_\_ (analyse) some very complicated data.
8. We all hope that somebody \_\_\_\_\_ (discover) a way of preventing climate change by the end of the decade.

## Unit 6: Exercise 5

Read the schedule. Then use the information in the schedule to complete the sentences. Use the correct future forms.

**Schedule for a visitor, Oliver Smith, attending a conference in Washington, D.C. next week.**

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>
<b>Morning</b>	9–10 a.m.: Lecture on electric cars 10:30–11:30 a.m.: Lecture on driverless cars	9–10:30 a.m.: Seminar on traffic management 11–12:30 a.m.: Lecture on the future of the bicycle	9–10 a.m.: Guided tour of the transport museum. 10:30–11:30 a.m.: Lecture on flying cars – a dream or reality?
<b>Lunchtime</b>	FREE	FREE	Lunch as guests of the director of the transport museum
<b>Afternoon</b>	2–2:45 p.m.: Giving poster presentation: Fumes in the future	2–4 p.m.: Lecture on alternative sources of energy to power the automobile	2–3 p.m.: Closing remarks by the conference organiser – Where do we go from here?
<b>Evening</b>	Dinner with international colleagues	FREE	<i>Standby ticket to JFK (ring at 4 p.m. to confirm)</i>

1. By 11:30 a.m. on Monday, Oliver \_\_\_\_\_ (attend) two lectures on automotive technology.
2. At 2:15 p.m. on Monday, Oliver \_\_\_\_\_ (give) a poster presentation on the effects of exhaust fumes on the environment.
3. Oliver \_\_\_\_\_ (have) dinner with his international colleagues on Monday evening.
4. On Tuesday, after the seminar on traffic management, there \_\_\_\_\_ (be) a lecture on the future of the bicycle.
5. At 2:30 p.m. on Tuesday, Oliver \_\_\_\_\_ (listen) to a talk on alternative sources of energy to power the automobile.
6. By the end of the conference, Oliver \_\_\_\_\_ (have) the opportunity to participate in a wide range of events relating to the past and future of transport.
7. The conference \_\_\_\_\_ (end) on Wednesday after the organiser's closing remarks.
8. If Oliver's flight ticket to JFK Airport is confirmed by the airline, he \_\_\_\_\_ (return) home on Wednesday evening.