

SOLUTIONS PRE-INTERMEDIATE 5

UNIT 9: SCIENCE

9G

PEGAH BAHOJB GHASEMI

9F

Reading

Inventions that save lives

I can understand a text about inventions.

Revision: Student's Book page 102

1 Complete the sentences with nouns formed from the verbs and adjectives below in brackets.

- 1 The Hubble telescope can measure the _____ (move) of distant galaxies.
- 2 The city centre was destroyed in the war. The _____ (reconstruct) took many years.
- 3 Hard disk recorders allow us to make _____ (record) of TV programmes.
- 4 Many men hope doctors will invent a cure for _____ (bald).
- 5 The aeroplane is a wonderful _____ (invent).
- 6 That's a lovely flower _____ (arrange).
- 7 Beethoven suffered from _____ (deaf) during the last 25 years of his life.
- 8 Before the _____ (discover) of America in 1492, many people thought the Earth was flat.

1 Hippo-Roller, photo _____

Many women and children in Africa spend between three and nine hours a day carrying water to their homes. They use 20-litre plastic buckets, which they carry on their heads. The buckets are very heavy and often cause back and neck injuries. So engineers Pettie Petzer and Johan Jonker designed a 'rolling wheel' which can carry ninety litres of water and is much easier to move. 33,000 'Hippo-Rollers' have been made and delivered to remote villages in Africa. The results are good: women have more time to look after their families, the children have more time at school, and there are fewer injuries.

2 LifeStraw, photo _____

There are 780 million people in the world who don't have clean safe drinking water. This fact led the Swiss company Vestergaard to invent a special kind of straw that allows people to drink dirty water without getting ill. The LifeStraw is a long thin tube that cleans the water as it passes through into somebody's mouth. LifeStraw is very light and can clean up to 1,000 litres of water before you need to replace it. LifeStraw was used to help people after the Haiti earthquake, and floods in Pakistan and Thailand.



3 AidPod, photo _____

When Simon Berry was travelling in Zambia, he noticed that he could buy Coca-Cola in the remotest villages. But in these same villages the people had no medicines and, because of that, one in five children were dying before their fifth birthday. He had an idea. 'Why don't they bring medicines when they deliver the Coca-Cola?' So he invented the AidPod, a triangular packet of medicines that fits between the bottles in a crate of Coca-Cola. Berry has experimented with a number of designs for his AidPod and is testing his ideas in other African countries, and save thousands of lives.

Reading Strategy

Sometimes, true / false tasks include a third option: the text does not say. Choose the third option if the text does not contain enough information to clearly say if the sentence is true or false. Do not use your own knowledge (or guesswork) to fill any information gaps!

3 Read the Reading Strategy. Then decide if the sentences below are true (T), false (F) or 'does not say' (DNS).

1 Carrying water on your head can cause neck injuries.

T F DNS

2 With the Hippo-Roller people can carry more water than with a normal bucket.

T F DNS

3 The LifeStraw is made from natural materials.

T F DNS

4 The LifeStraw never stops working.

T F DNS

5 The Coca-Cola company worked with Simon Berry to design the AidPod.

T F DNS

6 The AidPod is used successfully in many different countries.

T F DNS





GADGETS

How can a gadget go wrong?



GADGETS

How can a gadget go wrong?

What do you do then?



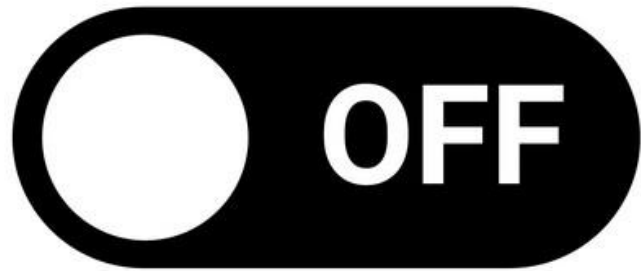


1 Describe the photo. Answer the questions.

- 1 What are the people saying, do you think?
- 2 Do you often take the things you have bought back to the shop? Why?
- 3 Tell us about a situation when you had to return a faulty item to a shop.

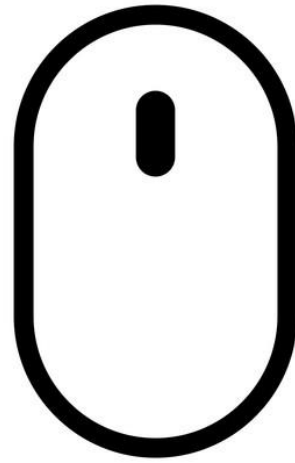
You are returning a gadget to a shop because something has gone wrong with it. Discuss these four issues during the conversation with the shop assistant:

- What the gadget is and when you bought it.
- What the problem is.
- What you want to happen next.
- What you will do if that isn't possible.

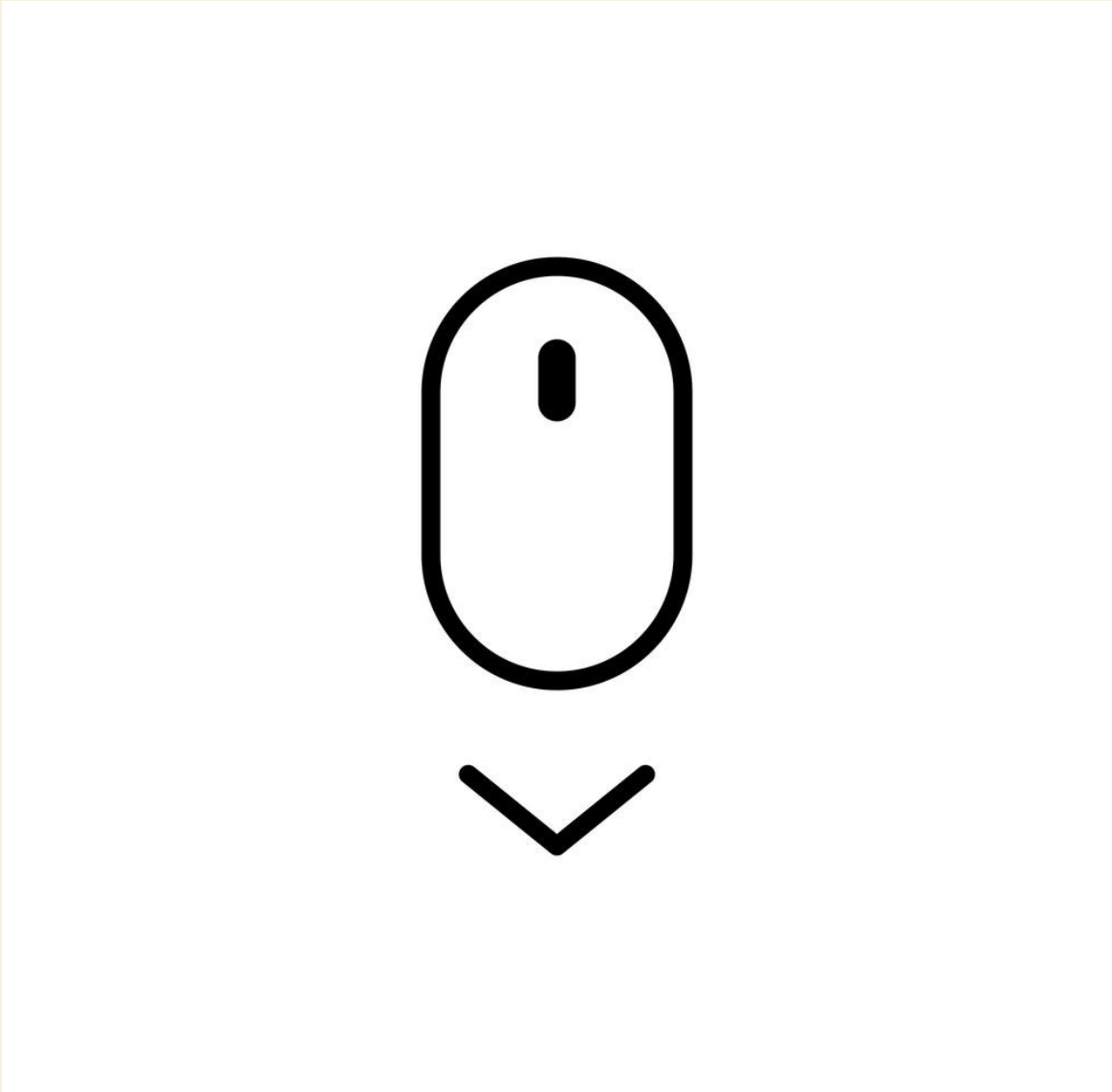


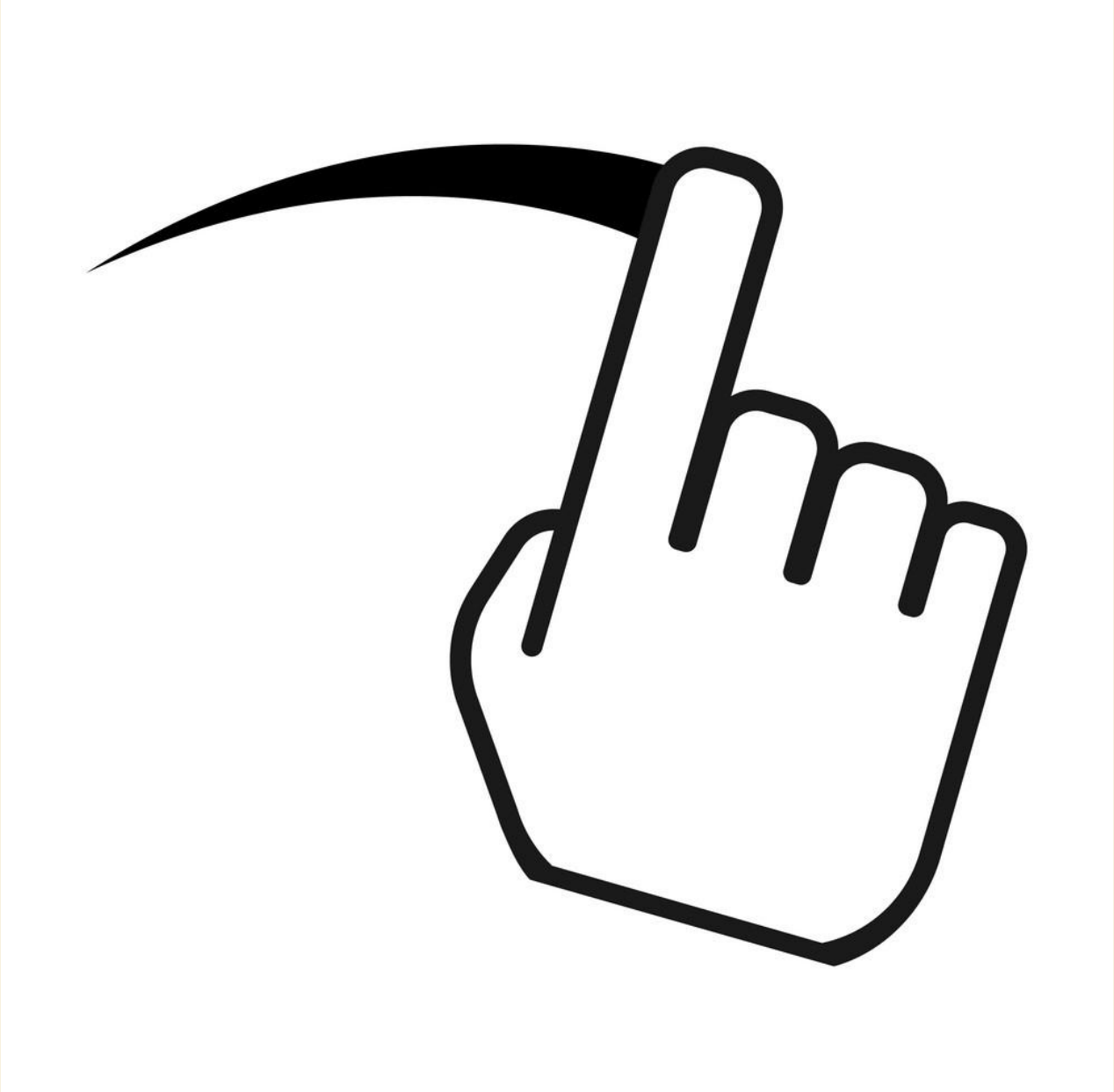
SWITCH OFF/ON






SCROLL DOWN





SWIPE



2  **3.14** Read the task above. Then listen to a student doing the task. Circle the correct answers.

- 1 The student is returning
 - a a CD player.
 - b a DVD player.
- 2 The student can't
 - a charge the batteries.
 - b turn on the player.
- 3 The student would like
 - a an exchange.
 - b a refund.
- 4 The sales assistant offers to
 - a repair it.
 - b exchange it.



KAPITEL EINS

Der Schrei eines Kindes erschütterte die friedliche Stille des Sonntagnachmittags.

Megan fuhr von der Decke auf dem Rasen hoch. Ihr Herz hämmerte, als sie die Straße vor sich absuchte. Sie stöhnte, als zwei ihrer Töchter sich gegenseitig in einem Wasserpistolenduell bespritzten, während sie den Fußweg hochkamen. Sie war wieder eingedöst. Die Arbeit an Peters Büchern bis spät in die Nacht hinein musste aufhören. Gestern wachte sie auf

EBOOK READER




3 **VOCABULARY** Which of these gadgets do you own? Would you like to own any other? Why? / Why not?

Gadgets digital camera digital radio DVD player
e-book reader games console headphones
mobile phone MP3 player smartphone tablet

Speaking Strategy

When you are doing a speaking task, make sure you refer to all four points in the task. It is also important that you react and respond properly to what is said during the conversation.

- 4  3.14 Read the **Speaking Strategy**. Listen again and say if the student mentioned all the points in the task and responded well to the sales assistant's contributions.





ON/OFF BUTTON





POWER LEAD






STRAP

- 5 **VOCABULARY** Look at the list of parts of gadgets below. Choose three gadgets from exercise 3. Which parts can you find on or with these gadgets?

Parts of gadgets battery case charger on/off button
power lead remote control screen strap
USB port volume control

6  3.15 Listen to another student. What parts of the gadget did she and the sales assistant mention?

7 KEY PHRASES Complete the phrases with the words below.

broken come exchange happy manager money
problem repair something stopped work write

Making a complaint

There's a ¹ _____ with ...

There's ² _____ wrong with ...

It doesn't ³ _____ .

It has ⁴ _____ working.

It's ⁵ _____ .

The (dial) has ⁶ _____ off.

Can I have my ⁷ _____ back, please?


Can I ⁸ _____ it, please?

Can you ⁹ _____ it?

I'm not ¹⁰ _____ about that.

Can I see the ¹¹ _____ , please?

I'm going to ¹² _____ to (customer services).

8  3.15 Listen again. Tick the phrases in exercise 7 that the student uses.

9 KEY PHRASES Match the sentence halves.

Dealing with a complaint

1 What's wrong

2 When did you

3 Have you got

4 Would you like

5 We don't give

6 I can give you

7 We can

8 There's nothing

a a refund?

b repair it.

c a credit note.

d the receipt?

e refunds.

f with it?

g I can do.

h buy it?

10 SPEAKING Work in pairs. Do the exam task in exercise 2. Take turns to be the shop assistant and the customer. Use words and phrases from this lesson to help you.

9

Grammar Review

Work in groups to play scrabble.

My phone	has	been	stolen.	The telephone	was	invented
by Alexander Graham Bell.	Facebook	was	started	by Mark Zuckerberg.	Cars	are
made	in factories.	400 million	texts	are	sent	every day.
Silent cars	will	be	developed	in the future.	The parcel	won't
be	delivered	before the weekend.	The research	hasn't	been	completed
yet.	Your laptop	wasn't	switched on	yesterday.	These speakers	aren't
connected	to your computer.	150 million	iPhones	were	sold	in 2013.

ASSIGNMENT:
WORKBOOK 9G
VOCABULARY BUILDER
P.121