

9

Science

Vocabulary

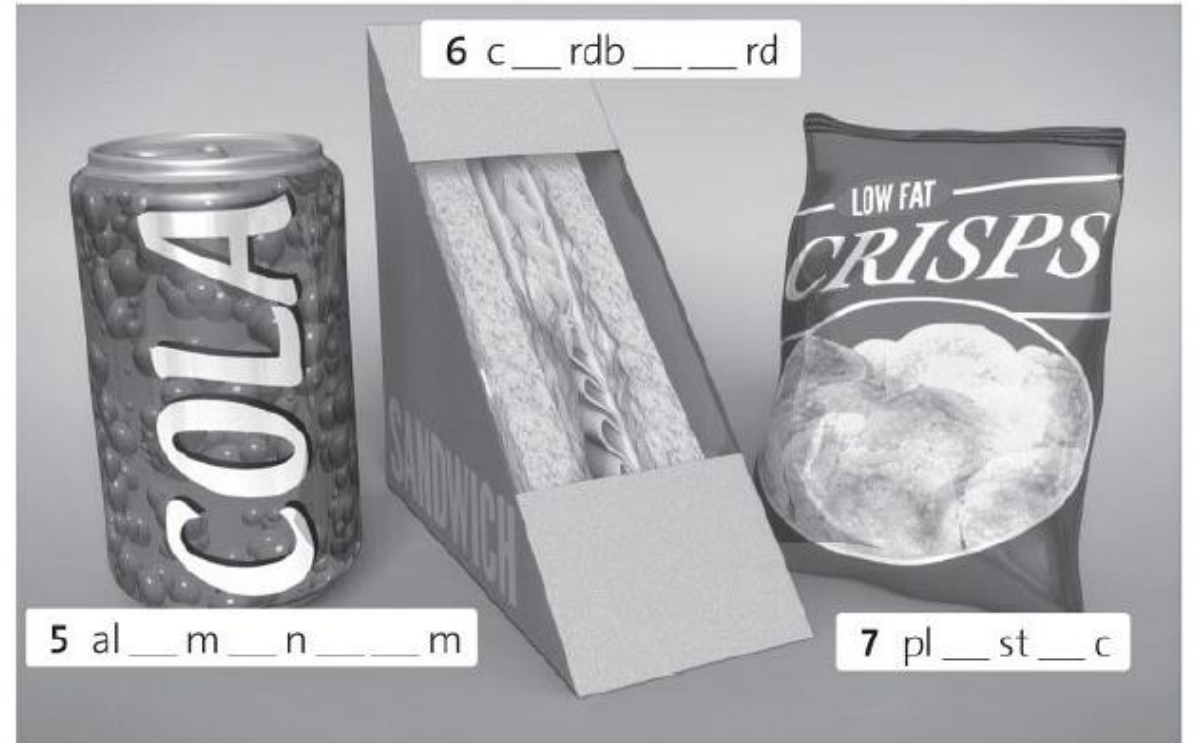
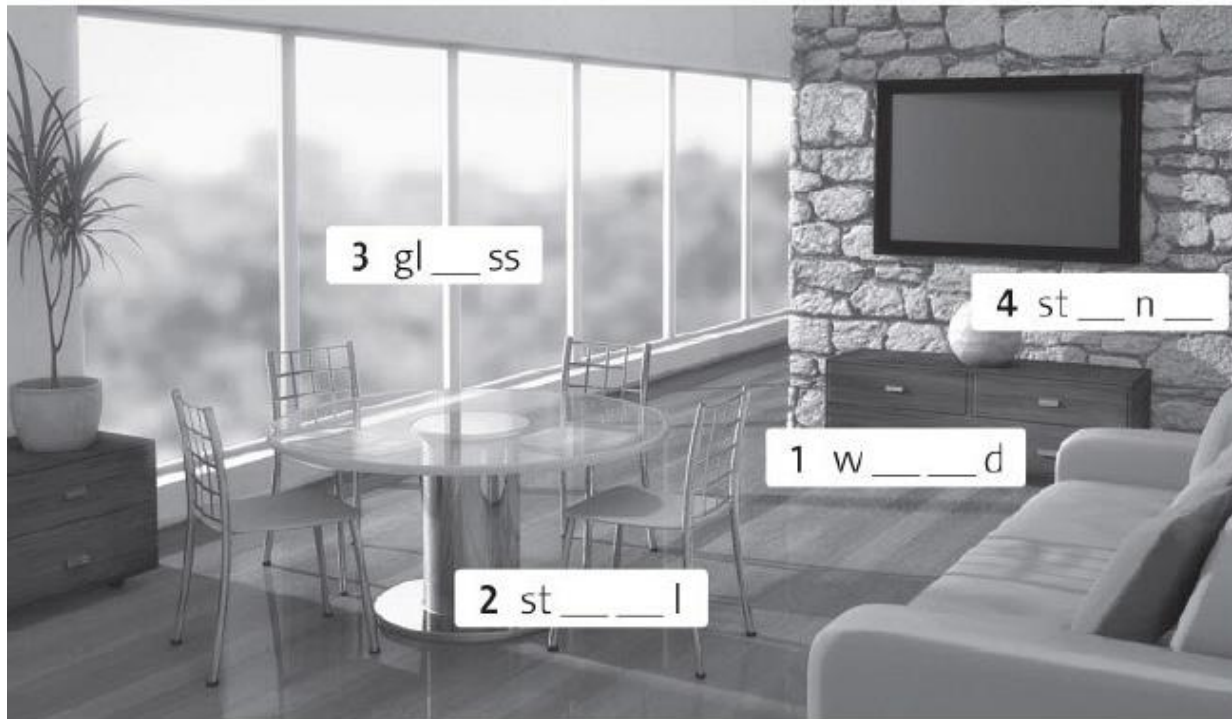
A

Gadgets

I can describe gadgets and talk about their use.

1 wood 2 steel 3 glass 4 stone 5 aluminium
6 cardboard 7 plastic

1 Complete the list of materials using *a, e, i, o* and *u*.



2 Complete the sentences with the correct materials.

- 1 Shoes are often made of l_____.
- 2 Expensive rings are often made of g_____.
- 3 Car tyres are made of r_____.
- 4 Cups and plates are often c_____ but sometimes they are made of c_____.
- 5 Books are made of p_____.
- 6 Pavements are often made of c_____.
- 7 Gates and fences are sometimes made of i_____.
- 8 Tents and backpacks are usually made of n_____.
- 9 In the past, coins were often made of c_____.

1 leather 2 gold 3 rubber 4 ceramic, cardboard
5 paper 6 concrete 7 iron 8 nylon 9 copper

3 Answer the questions with the material words from exercises 1 and 2. Use each word only once.

1 Which of the materials come from trees?

paper _____

2 Which of the materials are metals?

3 Which material is made from part of an animal?

4 Which very hard material do we find in the ground?

5 Which man-made materials do we make from oil?

6 Which materials do we make from other materials which we find in the ground?

1 wood rubber cardboard

2 iron copper gold aluminium steel

3 leather

4 stone

5 nylon plastic

6 glass ceramic concrete

4 Match the words below with the diagrams.

circular curved rectangular spherical
square straight triangular

1



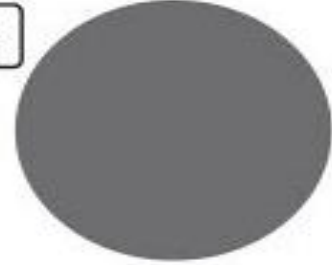
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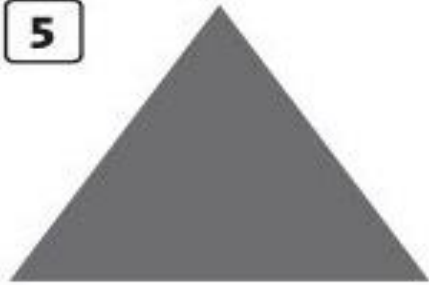
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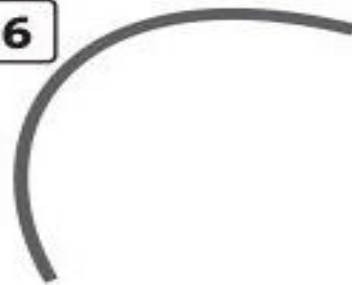
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5



6



7



1 was invented 2 wasn't powered 3 was built
4 was called 5 was used 6 weren't sold
7 were developed 8 was added 9 wasn't added
10 were sold

5  2.13 Listen to the sentences and match the objects to the descriptions. Write the correct letter: A, B or C.



- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____

1 A 2 B 3 A 4 C 5 A 6 C 7 B

The passive (present simple and past simple)

I can use the present and past passive to talk about technology.

1 Complete the sentences below with the present simple passive form of the verbs in brackets.

4

- 1 Millions of mobile phones _____ every year.
(sell)
- 2 American football _____ very much in the UK.
(not play)
- 3 _____ tablets _____ in your school?
(use)
- 4 Most crimes _____ in big cities. (commit)
- 5 Rubber trees _____ in cold countries. (not grow)
- 6 _____ Samsung televisions _____
in Korea? (make)

1 are sold 2 isn't played 3 Are ... used
4 are committed 5 aren't grown 6 Are ... made

2 Make the active sentences passive. Include the word *by*.

1 Millions of people watched the 2014 World Cup Final on TV.

The 2014 World Cup Final was watched by millions of people on TV.

2 Alexander Fleming discovered penicillin.

3 Rafa Nadal didn't win the match.

4 Robots made that car.

5 Did Suzanne Collins write the *Hunger Games* books?

6 Peter Jackson directed the *Hobbit* films.

Exercise 2 page 97

2 Penicillin was discovered by Alexander Fleming.

3 The match wasn't won by Rafa Nadal.

4 That car was made by robots.

5 Were the *Hunger Games* books written by Suzanne Collins?

6 The *Hobbit* films were directed by Peter Jackson.

3 Put the words below in the correct order. (Remember where to put the adverb.)

1 satnavs. / are / Phones / used as / sometimes

2 Was / Bob Dylan? / *Make you feel my love* / first / by / sung

3 invented / The wheel / about 5,000 years ago. / probably / was

4 quickly / was / The suspect / arrested.

5 the missing jewellery / ever / found? / Was

Exercise 3 page 97

1 Phones are sometimes used as satnavs.

2 Was *Make you feel my love* first sung by Bob Dylan?

3 The wheel was probably invented about 5,000 years ago.

4 The suspect was quickly arrested.

5 Was the missing jewellery ever found?

Complete the fact file below with the past simple passive form of the verbs in brackets.

COMPUTERS: a short history

- The first computer ¹ _____ (invent) by Charles Babbage in the early 19th century. It ² _____ (not power) by electricity – it was mechanical.
- The first electronic digital computer ³ _____ (build) in 1943 in Britain. It ⁴ _____ (call) 'Colossus' and it ⁵ _____ (use) for decoding enemy messages in the war.
- Businesses began to use computers in the 1950s, but computers ⁶ _____ (not sell) in shops until the early 1970s.



- The first desktop computers ⁷ _____ (develop) in the late 1970s.
- Internet access via a modem ⁸ _____ (add) in the 1990s, but wireless access ⁹ _____ (not add) to most computers until about 2000.



- For the first time, in 2015, more tablets and smartphones ¹⁰ _____ (sell) than laptops and desktops. Will computers eventually disappear from our homes and schools?

Exercise 4 page 97

- 1 was invented 2 wasn't powered 3 was built
4 was called 5 was used 6 weren't sold
7 were developed 8 was added 9 wasn't added
10 were sold