

### Exercise B answers

**Kinds of rocks:** gravel, pumice, boulder

**Breathing problems:** wheeze, coughing, gasp

**How Heat Affects Things:** flaming, charred, boiling

**C** Complete the sentences with the correct words below.

debris shower fluttered spattering

- 1 Outside, a shower of hail was falling and spattering on the ground.
- 2 After the festival, there was a lot of debris to clean up.
- 3 Some leaves fell off the tree and fluttered in the breeze.

### Exercise B answers


- 1 Mount Vesuvius is erupting. It is spewing ash, gravel, and flaming rock.
- 2 To rescue his friend, Rectina.
- 3 They are coming from the eruption of Mount Vesuvius.
- 4 Pliny is a writer and philosopher. He finds the eruption fascinating.
- 5 Shallow water and rocks.
- 6 Pliny is fascinated by the eruption.

**C Words in Context** Look at the words you circled in the story. Then use them to complete the sentences.

- 1 We felt relief at the lion's  into the woods.
- 2 An astronomer makes  about the planets, stars, and galaxies.
- 3 The star player  kicked the ball into the goal.
- 4 I felt uncomfortable and  in my seat.
- 5 The  wrote down what people said.
- 6 We walked along the  of the ocean.



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**A Listen and match.**  1-26

- |                     |                       |                                  |  |
|---------------------|-----------------------|----------------------------------|--|
| 1 Active volcanoes  | <input type="radio"/> | <input checked="" type="radio"/> | <b>a</b> haven't erupted in over 10,000 years.     |
| 2 Dormant volcanoes | <input type="radio"/> | <input checked="" type="radio"/> | <b>b</b> have erupted in the last 10,000 years.    |
| 3 Extinct volcanoes | <input type="radio"/> | <input checked="" type="radio"/> | <b>c</b> haven't erupted in at least 10,000 years. |

**B Listen again. Circle True or False.**  1-27

- |  |                               |                                |
|--|-------------------------------|--------------------------------|
| 1 Pressure builds up in the Earth's crust, creating gas. | <input type="checkbox"/> True | <input type="checkbox"/> False |
| 2 Liquid rock is called magma.                           | <input type="checkbox"/> True | <input type="checkbox"/> False |
| 3 When magma is in the ground, it's called lava.         | <input type="checkbox"/> True | <input type="checkbox"/> False |
| 4 A volcanic eruption can include rock, dust, and ash.   | <input type="checkbox"/> True | <input type="checkbox"/> False |
| 5 We can be sure some volcanoes will never erupt.        | <input type="checkbox"/> True | <input type="checkbox"/> False |



Listen to the sentences and number the words. Underline *ie* or *ee* in each word. Then work with your partner to write a sentence for each word.  1-29 

- |                        |         |                        |        |                        |        |                        |         |
|------------------------|---------|------------------------|--------|------------------------|--------|------------------------|---------|
| 3 <input type="text"/> | fleet   | 6 <input type="text"/> | sleeve | 8 <input type="text"/> | degree | 2 <input type="text"/> | achieve |
| 5 <input type="text"/> | believe | 4 <input type="text"/> | agree  | 1 <input type="text"/> | sweet  | 7 <input type="text"/> | chief   |

### Exercise E answers

- 1 “Is this an example of igneous rock?” asked Sandra.
- 2 My teacher said, “That’s Mount Vesuvius.”
- 3 “This is the core,” Brenda said. “It’s a solid sphere.”
- 4 “What’s hotter, the core or the crust?” asked Mike.
- 5 Mr. Lewis read my paper on the rock cycle and said, “Great work!”
- 6 “Are these fold mountains?” I asked.
- 7 “Is the crust made of one element,” Joe asked “or many elements?”
- 8 When Jennifer picked up the pumice stone, she exclaimed, “It’s so light!”

A Read the clues. Complete the crossword puzzle.

boulder gasp shower flutter boiling flaming charred  
debris pumice cough wheeze gravel spatter

**Across**

- 3 People sometimes \_\_\_\_\_ when they're surprised.
- 6 When I get a chest infection, I \_\_\_\_\_ a lot.
- 8 Magma in the Earth's mantle is \_\_\_\_\_.
- 10 When the fire had gone out, all that was left was some \_\_\_\_\_ timber.
- 12 \_\_\_\_\_ is used to clean things with.
- 13 The storm washed up a lot of \_\_\_\_\_ onto the beach.

**Down**

- 1 Stand away from the stove. The hot oil might \_\_\_\_\_ and burn you.
- 2 We saw the flag \_\_\_\_\_ when the wind started.
- 4 We got caught in a \_\_\_\_\_ of rain.
- 5 We stood in front of the \_\_\_\_\_ fire to keep warm.
- 7 You should cover your mouth when you \_\_\_\_\_.
- 9 The \_\_\_\_\_ was making a crunching noise under our feet.
- 11 I wanted to go up the mountain path, but there was a large \_\_\_\_\_ in the way.

**B Circle the correct answer.**

1 A \_\_\_\_\_ is a very large rock.

a shower

b boulder

2 There were \_\_\_\_\_ logs on the campfire.

a flaming

b boiling

3 There's a shirt \_\_\_\_\_ on the washing line in the yard.

a gasping

b fluttering

4 Gravel is a type of \_\_\_\_\_.

a stone

b weather

5 Be careful of the \_\_\_\_\_ water. You could get hurt.

a boiling

b wheezing

6 You often see \_\_\_\_\_ after a hurricane.

a debris

b pumice

7 \_\_\_\_\_ is a type of volcanic rock.

a Pumice

b Boulder

8 I was scared, and I \_\_\_\_\_ when the lights went out.

a wheezed

b gasped

9 If you're \_\_\_\_\_, you may have a cold.

a spattering

b coughing

10 Something that is charred has been near \_\_\_\_\_.

a water

b fire

**Exercise C answers**

Things You Can Do	Things You Can Touch	Things You Can Watch Happening
gasp	gravel	flutter
cough	pumice	boiling
wheeze	boulder	flaming
	debris	spatter

**D Read and answer.**

- 1 What can you boil?
- 2 Name something that can flutter.
- 3 What happens if you go out in a shower?
- 4 What sorts of things make people gasp?
- 5 When do people cough?
- 6 What is gravel used for?

**A** Complete the sentences. Choose *ie* or *ee*.

- 1 I don't belie[ ]ve my eyes! The volcano is erupting!
- 2 My brother tore the slee[ ]ve of his shirt when he was running.
- 3 My teacher says it's important to achie[ ]ve your goals.
- 4 The chie[ ]f of the tribe invited us to his home.
- 5 In spring, there's a swee[ ]t smell of plants and flowers in the air.
- 6 We can agre[ ]e to help each other.
- 7 You can get a college degr[ ]ee if you work hard.
- 8 Who is the captain of the fle[ ]et?

E	Y	E	L	N	F	L	F	C
T	V	Z	C	Y	E	E	E	H
E	I	E	Q	E	V	G	V	I
E	V	E	I	E	I	D	E	E
W	F	Q	E	L	Y	P	I	F
S	W	L	C	C	E	F	H	N
X	S	S	E	L	V	B	C	F
D	E	G	R	E	E	E	A	X
E	E	R	G	A	T	Z	J	D



**C** Write the words from **B** in the correct sentences.

- 1 Would you like a  of cheese?
- 2 We met the village  and exchanged gifts.
- 3 These cookies taste very . Are they chocolate flavored?
- 4 My sister and I  about almost everything.
- 5 They watched the  sail into the harbor.
- 6 You can  almost anything if you try!
- 7 Ben has a college  in physics.
- 8 I  you should always be nice to other people.
- 9 What's that on your ? It looks like paint.

## Exercise A answers

- 1 "Don't get too close to the geyser ." the guide said.
- 2 "And," he added ."make sure that you're wearing suitable clothing."
- 3 "Everyone must leave home immediately ." announced the mayor.
- 4 "The volcano has started to erupt," he continued. "You will be safer in the shelter."
- 5 "Is it already erupting?" asked my friend.
- 6 "Wow!" said Katy. "That's amazing !"
- 7 "Hot water erupts from the geyser ." he explained.
  
- 8 "Hurry up!" yelled the officer. "You must get to safety immediately."

### **B** Rewrite each sentence by adding the missing punctuation.

- 1 "Please don't run in the corridors" said the teacher

"Please don't run in the corridors." said the teacher.

- 2 "What time does the movie start" asked Tom

"What time does the movie start?" asked Tom.

- 3 "Watch out" yelled Mina "There's a car coming"

"Watch out!" yelled Mina. "There's a car coming."

- 4 "Next" continued the guide "we'll learn about these fossils"

"Next," continued the guide. "we'll learn about these fossils."