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Level 5

Water bears will survive until the Sun dies

17th July, 2017

<http://www.breakingnewsenglish.com/1707/170717-water-bears-5.html>

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Please try Levels 4 and 6. They are (a little) harder.

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THE READING

From <http://www.breakingnewsenglish.com/1707/170717-water-bears-5.html>

A new study shows that a microscopic water creature could live until the end of the Earth. The tiny tardigrade, also known as water bear, looks like an eight-legged caterpillar. It is one-tenth of a millimeter long but has the body to survive in any extreme conditions. It can survive without food for decades, exist in freezing temperatures of -272° Celsius and boiling temperatures of 150°C . Water bears can also survive the pressure of deep oceans, the vacuum of outer space, nuclear war, global warming, or any other extreme event that would doom humans.

Scientists say water bears are so tough that the only thing that would wipe them out is if the Sun boils all the Earth's oceans. The study says this will happen in several billion years. The new study states that complex life is very difficult to destroy and could exist on other planets. A researcher said water bears are almost indestructible and because of that, it is possible that there are other tough creatures elsewhere in the Universe. He said there was, "a real case for looking for life on Mars and in other areas of the Solar System". He suggested there could be life "out there".

Sources: <https://www.sciencenews.org/article/water-bears-will-survive-end-world-we-know-it>
<https://www.sciencealert.com/these-adorable-little-animals-will-survive-nearly-any-global-apocalypse>
<https://www.nature.com/articles/s41598-017-05796-x>

PHRASE MATCHING

From <http://www.breakingnewsenglish.com/1707/170717-water-bears-5.html>

PARAGRAPH ONE:

- | | |
|---------------------------------|-----------------------|
| 1. a microscopic water | a. space |
| 2. live until the end | b. temperatures |
| 3. looks like an eight- | c. of deep oceans |
| 4. exist in freezing | d. would doom humans |
| 5. boiling temperatures | e. legged caterpillar |
| 6. survive the pressure | f. creature |
| 7. the vacuum of outer | g. of 150°C |
| 8. any other extreme event that | h. of the Earth |

PARAGRAPH TWO:

- | | |
|-----------------------------------|------------------------|
| 1. the only thing that would wipe | a. of the Solar System |
| 2. if the Sun boils all | b. to destroy |
| 3. this will happen in several | c. indestructible |
| 4. complex life is very difficult | d. "out there" |
| 5. exist on other | e. billion years |
| 6. water bears are almost | f. them out |
| 7. in other areas | g. planets |
| 8. there could be life | h. the Earth's oceans |

LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1707/170717-water-bears-5.html>

A new study shows that a microscopic (1) _____ could live until (2) _____ Earth. The tiny tardigrade, also known as water bear, (3) _____ eight-legged caterpillar. It is one-tenth of a millimeter long but (4) _____ survive in any extreme conditions. It can survive without food for decades, exist in freezing temperatures of -272° Celsius and boiling temperatures of 150°C. Water bears can also survive (5) _____ deep oceans, the vacuum of outer space, nuclear war, global warming, (6) _____ extreme event that would doom humans.

Scientists say water bears (7) _____ the only thing that would wipe (8) _____ the Sun boils all the Earth's oceans. The study says this (9) _____ several billion years. The new study states that complex life is very difficult to destroy and could exist on other planets. A researcher said water (10) _____ indestructible and because of that, it is possible that there are other tough creatures elsewhere in the Universe. He said there (11) _____ for looking for life on Mars and in other areas of the Solar System". He suggested there could be (12) _____.

PUT A SLASH (/) WHERE THE SPACES ARE

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WATER BEARS SURVEY

From <http://www.breakingnewsenglish.com/1707/170717-water-bears-4.html>

Write five GOOD questions about water bears in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

WRITING

From <http://www.breakingnewsenglish.com/1707/170717-water-bears-5.html>

Write about **water bears** for 10 minutes. Read and talk about your partner's paper.
