

# "Brain implants lets man write using thoughts"

## GAP FILL

A man who cannot move his arms or hands has used his (1) \_\_\_\_\_ to write on a computer screen. The man has been paralyzed from the (2) \_\_\_\_\_ down for almost a decade. Scientists from Stanford University in the USA implanted two (3) \_\_\_\_\_ sensors into the man's brain. The scientists gave this (4) \_\_\_\_\_ two names - "brain-to-text" and "mindwriting". The man wants to (5) \_\_\_\_\_ anonymous, so scientists have called him T5. He became paralyzed after suffering a spinal cord (6) \_\_\_\_\_ ten years ago. The implants have allowed T5 to use his mind to write. He can write 90 (7) \_\_\_\_\_ (about 18 words) per minute. This is five words slower than the average person writing a text (8) \_\_\_\_\_ on a smartphone.

*method*  
*injury*  
*thoughts*  
*message*  
*tiny*  
*characters*  
*neck*  
*remain*

The mindwriting system is very (9) \_\_\_\_\_, but it involved a lot of advanced technology. Scientists asked T5 to (10) \_\_\_\_\_ holding a pen and then writing a sentence on a paper. The sensors in T5's brain (11) \_\_\_\_\_ the activity in his brain as he imagined writing. A computer decoded (12) \_\_\_\_\_ activity into text on a screen. The scientists used a special (13) \_\_\_\_\_ to do this. Professor Jaimie Henderson, a Stanford University researcher, hopes this research could help (14) \_\_\_\_\_ of paralyzed people, and those who have lost the ability to speak, to write again. He said: "The (15) \_\_\_\_\_ is to restore their ability to communicate by text." This technology may one day help anyone to write at the (16) \_\_\_\_\_ of thought.

*this*  
*millions*  
*simple*  
*speed*  
*detected*  
*goal*  
*imagine*  
*algorithm*



actually	at last	fortunately	next
after	during	instead	still
afterwards	finally	meanwhile	until
at first	first	naturally	while

USE THE WORDS IN THE BOX TO FILL THE GAPS.

THERE ARE FOUR WORDS YOU DON'T NEED:

The day we moved house was one of the busiest days of my life. It was in December. (a) ..... , we had been packing for a long time, but there was (b) ..... an awful lot of work to do on the actual day. (c) ..... , everything went smoothly. The removal men arrived and began loading their van. (d) ..... they were emptying room after room, my wife and I were trying to clean up. We hardly noticed the fact that it had begun to snow. Then things began to go wrong. (e) ..... , a valuable table was dropped and its leg broke. (f) ..... , we lost the baby, and it was not (g) ..... she started to cry that we realized she had been put into the van by mistake. We worked hard all morning, and by midday our old house was empty.

(h)..... it continued to snow. We set off on the journey to our new house, driving slowly to avoid skidding in the icy conditions. WE (i)..... arrived at four o'clock, by which time it was dark, and three feet of snow covered the ground. (j) ..... , we had quite a few people to help us unload, and by six o'clock we were in. (k) ..... , we wondered how we had managed to do everything. I'll never forget that day.

(l) ..... , I still have nightmares about it!



## LINKING WORDS

### AND

- Besides
- Furthermore
- Also
- Moreover
- In addition
- As well as

### 1. Use one of the words in the box to complete the sentences. You MUST NOT use *and*.

Their team has got the best players. \_\_\_\_\_, their coach is fantastic.

Anna is talented at music \_\_\_\_\_ art.

In London we saw the Queen's palace. \_\_\_\_\_, we visited the British Museum.

When I was young, I wanted to become a doctor. I \_\_\_\_\_ wanted to be famous.

The service at this restaurant is excellent. \_\_\_\_\_, the food is delicious.

Roger works very hard to help his parents. \_\_\_\_\_, he's also a good student.

I'm keen on Ice cream \_\_\_\_\_ chocolate.

### BUT

- However
- Nevertheless
- On the other hand
- Although
- Whereas
- In contrast

### 2. Use one of the words in the box to complete the sentences. You MUST NOT use *but*.

Their team has got the best players. \_\_\_\_\_, they lost the last game.

Lorena seems to be quite clever. \_\_\_\_\_, she often gets low marks.

Jordi is a careful driver. \_\_\_\_\_, he has had several accidents.

\_\_\_\_\_ Jordi is a careful driver, he has had several accidents.

I'd love to come. \_\_\_\_\_, I really haven't got time.

\_\_\_\_\_ they get on very well, they are not best friends.

Tina gets good grades because she works hard \_\_\_\_\_ Kate is simply lazy.

Tina gets good grades because she works hard. Kate, \_\_\_\_\_, is very lazy.

Tina is very hard-working. Kate, \_\_\_\_\_, is lazy.

### SO

- Therefore
- Consequently
- As a result

### 3. Use one of the words in the box to complete the sentences. You MUST NOT use *so*.

Chris did not revise before the test. \_\_\_\_\_, he got a poor grade.

Lena works very hard at school. \_\_\_\_\_, she is one of the best students.

I forgot to bring my homework again. \_\_\_\_\_, I had to stay behind after school.

Fill in the blanks with an appropriate adjective.

1. We expect to get the ..... news in a few hours.

latest

last

2. The ..... news from the border is very disquieting.

last

latest

3. The ..... time I saw him he was in high spirits.

last

latest

4. Today is the ..... day for receiving tenders.

last

latest

5. His house is ..... to mine.

next

nearest

the next

6. We will get off at the ..... station.

- nearest
- next

7. As soon as she finished one project, she started working on .....

- next
- the next
- nearest

8. Both the tiger and the leopard are cats but the former is much larger than the .....

- latter
- later
- latest

9. This is the ..... car I buy.

- last
- later
- latest