

"IBS makes 'next-generation' microchip"

GAP FILL

Computers, tablets and smartphones can do more and more (1) _____ these days. Fifteen years ago, they were not powerful enough to store movies or play high- (2) _____ games. Computer chip technology has advanced at a (3) _____ rate. We can now stream movies on our smartphones and store huge (4) _____ of data. IBM has announced it has made a significant (5) _____ in microchip power. It has created chips that improve performance by 45 per cent. Its new chips also use 75 per cent less (6) _____. This is good for the environment, and means batteries will be more energy (7) _____. The technology could quadruple mobile phone battery life. We might only need to (8) _____ our phones every four days.

amounts
things
efficient
breakthrough
fast
charge
definition
energy

IBM has (9) _____ improved its microchips by reducing their size. The tech giant has created a two-nanometre chip. Computer engineers use nanometres to (10) _____ the size of chips. One nanometre is just a (11) _____ of a metre. A chip that is 2nm in size is (12) _____ small. IBM says its 2nm processor can store 50 billion transistors on "a chip the size of a (13) _____". Computer expert Peter Rudden said: "We have seen semiconductor manufacturers moving from 14nm to 10nm to 7nm, with 7nm being a real (14) _____ for some." He said IBM's new chip could (15) _____ artificial intelligence (AI). The chips could also let data centres (16) _____ more information. Data centres use one per cent of the world's electricity.

incredibly
store
greatly
billionth
advance
measure
challenge
fingernail

GAP FILL

"World Food Prize awarded to fish expert"

The World Food Prize has been awarded to a nutrition (1) _____ for her innovative work on fish. Dr Shakuntala Thilsted, 71, received the (2) _____ prize for pioneering new methods of raising fish that are rich in nutrients. She also successfully campaigned to (3) _____ the fish into the diets of people in developing countries. U.S. Secretary of State Antony Blinken (4) _____ Dr Thilsted on her work. He said she "(5) _____ out how these nutrient-rich small fish can be raised locally and inexpensively". He added that, "millions of low-(6) _____ families...are eating small fish regularly, dried and fresh, in (7) _____ from chutneys to porridge". He said: "The key nutrients in the fish will protect children for a (8) _____."

coveted
everything
commended
expert
lifetime
income
incorporate
figured

The World Food Prize was created by a Nobel Peace Prize (9) _____ in 1986. He wanted to recognise scientists who improved the quality and availability of food. The (10) _____ of the award receives a \$250,000 prize. Dr Thilsted grew up on the Caribbean island of Trinidad. She fully (11) _____ the nutritional value of fish in improving our health. She went on to conduct research on (12) _____ and fish diets in Bangladesh in the 1980s. She said: "I was able to (13) _____ the nutritional composition of small fish (14) _____ and realized that they were extremely rich in (15) _____ vitamins and minerals." She hopes her award will (16) _____ more women in developing countries to continue her research.

assess
inspire
appreciated
laureate
multiple
recipient
species
malnutrition

Present Perfect or Past Simple 2

I have done

I did

Choose the present perfect or past simple:

1. I _____ (see) three police cars this morning (it's still morning).
2. After he _____ (arrive) home, he _____
(unpack) and _____ (go) to bed early.
3. A: What's wrong?
B: I _____ (break) a glass!
4. My grandparents only _____ (know) each other for a few
months before they _____ (get) married.
5. I _____ (be) in London for three years. I love it here.
6. We _____ (see) Julie last night.
7. He _____ (be) a teacher before he _____
(become) a musician.
8. When the boss _____ (walk) into the room, we
_____ (know) someone was going to get fired.
9. The children _____ (break) a window in the school last week.
10. He _____ (see) that film last year.

11. Lucy _____ (break) her leg, so she can't come skiing.
12. Julie _____ (arrive)! Come and say hello!
13. They _____ (be) cold when they _____ (arrive) home.
14. Jack _____ (break) his arm when he _____ (fall) off a horse in 2005.
15. I _____ (know) about the problem for months, but I _____ (not / find) a solution yet.
16. A: When _____ (you / arrive)?
B: At 10pm last night.
17. She _____ (be) a teacher for ten years, and she still enjoys it.
18. How long _____ (you / know) Jill? I know you see her often.
19. I _____ (see) the sea before.
20. A: Hello
B: Hi Mum, it's me. I just wanted to say I _____ (arrive) safely and everything is fine.

-ED and -ING Adjectives Exercise 2

Choose the correct adjective:

1. I am so (relaxing / relaxed) I don't want to move.
2. I find horror films really (frightening / frightened) and not at all fun to watch.
3. Sometimes I get really (frustrating / frustrated) when I can't express myself well in English.
4. We were stopped by a man with a knife who took our money. It was (terrifying / terrified).
5. The programme was really (interesting / interested).
6. She was (overwhelming / overwhelmed) when everyone cheered and we gave her presents.
7. If I feel stressed, I find taking a bath is often (relaxing / relaxed).
8. I am really (tiring / tired); I think I'll go to bed.
9. He's very (interesting / interested) in history.
10. The trip was (overwhelming / overwhelmed), with so many things to do and it was all so new.
11. She is never (satisfying / satisfied) with her work.
12. Cleaning is so (tiring / tired)! I think I'll have a rest!
13. She thought the ride on the rollercoaster was (thrilled / thrilling).
14. I was really (surprising / surprised) when I saw you. I had thought you were on holiday.
15. My grandmother was (shocking / shocked) by the man's bad language.
16. My niece is (terrifying / terrified) of dogs.
17. Thank you so much for the prize! I'm (thrilled / thrilling)!
18. My job is very (satisfying / satisfied), I love helping people.
19. The news was so (shocking / shocked) that she burst into tears.
20. My exam results were great! It's really (surprising / surprised) but good, of course