The Next Big Thing After Smartphones

Put these words into the spaces in the paragraph below.

amounts
things
efficient
breakthrough
fast
charge
definition
energy

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.

Put these words into the spaces in the paragraph below.

incredibly
store
greatly
billionth
advance
measure
challenge
fingernail

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.

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