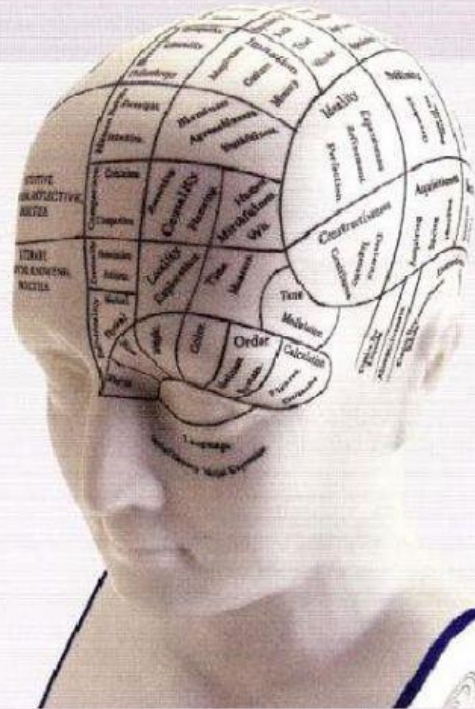


- 2 Underline the correct form.

The nature of intelligence

For many years scientists **a** tried / have been trying to define the nature of human intelligence. However, they **b** were / have been unable to agree on whether there is one kind of intelligence, or several kinds. In the early 20th century, psychologist Charles Spearman **c** came up / has come up with the concept of 'g' or 'general intelligence'. He **d** gave / had given subjects a variety of different tests and **e** found / has found that the people who **f** performed / have performed well in the tests **g** used / have used one part of the brain, which he **h** called / has called 'g', for all the tests. More recently, research **i** found / has found that this idea may well be true, as one part of the brain (the lateral prefrontal cortex) shows increased blood flow during testing. However, some scientists believe that intelligence is a matter of how much people **j** learned / have learned rather than some ability they are born with. They believe that environment also matters.



- 4 Complete the text using the present perfect simple, present perfect continuous or past simple form of the verb in brackets.

The ageing population

The number of men and women in the US aged 60 or over still in work **a** (rise) has been rising for more than a decade. Economists **b** (give) _____ a number of reasons for this trend. First, since 1985 the US economy **c** (expand) _____, so there **d** (be) _____ an increased demand for labour. At the same time, the cost of some services, such as health care, **e** (increase) _____ so workers need to earn more money in later life. In addition, changes in social security benefits and rules **f** (have) _____ a considerable effect on labour patterns. First, in 1977 and 1983 changes to the Social Security Act **g** (raise) _____ the full-benefit age from 65 to 67 and **h** (introduce) _____ other changes that make delaying retirement more attractive. Then, in 1986 the Age Discrimination Act **i** (end) _____ compulsory retirement for all workers, allowing them to work later in life. Changes to pension laws **j** (also encourage) _____ workers to stay in employment longer, as this gives them more chance of a larger pension when they retire.



