

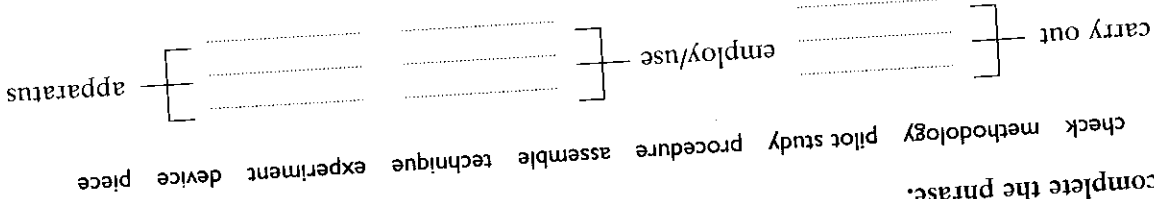
Exercises

41.1 Complete the sentences in these two texts with words from the opposite page.

Scientists disagree as to whether cold fusion, the controlled power of the hydrogen bomb in the laboratory, is possible. In the past, some believed that _____ under _____ using palladium and platinum electrodes could in fact cause heavy hydrogen atoms to fuse into helium and release energy, as the sun does. In carefully controlled _____ arising from the _____ complexity of the electrodes and other equipment used. In such _____ some of the _____ experiments, researchers believed they could make _____ fact theoretically impossible.

Some linguists believe that we can best determine how language is processed by laboratory experiments. However, laboratory experiments are by definition artificial and may not reflect what happens in the real world. Other linguists believe, therefore, that experimental studies are better, and prefer to carry out field studies. In this way, _____ of individuals in natural _____ data can be collected by observers without interference and control. _____ studies of individuals in natural _____ with the process in any way, even though this may be a more realistic _____ of the method. However, individual studies in real situations may not be representative of the general population of second language learners. In short, both approaches have their advantages and disadvantages.

41.2 Use the words in the box to complete the diagrams. Add *a/an* and anything else needed to complete the phrase.



41.3 Now complete the sentences using phrases from 41.2.

- 1 It was a new _____ of apparatus so we _____ it before using it.
- 2 The team carried out a _____ they were using was reliable. _____ to see if the _____ for measuring the pressure, so they used a new _____ which they manufactured in their own laboratory.
- 3 The team needed to employ a different _____ used a new _____

41.4 Correct the eight spelling and other vocabulary mistakes in these sentences.

- 1 It was very difficult to make reliable interferences from the data as we had so little.
- 2 A correlational study is a good way of seeing if one phenomena is related to another in a system way.
- 3 The experiment neither proved nor disproved Jessop's theory.
- 4 We had to explain the unusual scores of five of the subjects in the sample, who all had totals well below the norm. It was possible there were unaccraticies in the data.
- 5 An exterior observer can often unintentionally erupt the behaviour of the subjects they are observing.