

## TASKS

### 1 Match the term with the correct definition.

applied research	the study of pure scientific principles
clinical research	the study of the parts and their relationship to one another
pilot study	changing and improving a product to achieve the best possible result
experimentation	looking at how scientific theory can be used in practice
pure basic research	looking at the effects of drugs or treatment on patients
product development	a new technique or idea
innovation	the process of tests and trials to see what happens under different conditions
analysis	small-scale experiment

### 2 Use the word in brackets to form a word which fits in the sentence.

- The scientists have presented a detailed \_\_\_\_\_ of the results. (analyse)
- They have brought in a food \_\_\_\_\_ to help in the research. (analyse)
- All process materials are tested using highly developed \_\_\_\_\_ techniques. (analyse)
- The researchers have come up with an \_\_\_\_\_ idea for the use of recycled plastics. (innovate)
- Charles Dyson is the \_\_\_\_\_ of a vacuum cleaner which works on a new principle. (invent)
- The advent of the ballpoint pen was a wonderful \_\_\_\_\_. (invent)
- They employ a large team of software \_\_\_\_\_. (develop)
- A report has been prepared on the \_\_\_\_\_ tests that have been carried out. (develop)
- Increasing numbers of people can now work from home thanks to \_\_\_\_\_ in telecommunications. (develop)
- These methods of production are still at an \_\_\_\_\_ stage. (experiment)
- The \_\_\_\_\_ is continuing work on the new drug. (experiment)
- Many people are against animal \_\_\_\_\_. (experiment)

### 3 The following email has been received by the R and D department. Complete it using words from the list.

breakthrough • prototype • developmental • engineers  
design • patent • innovative • experiment

Dear Frank

I had a preliminary meeting with Maria Altefors regarding her (a) \_\_\_\_\_ for a new children's pushchair. It's a simple but (b) \_\_\_\_\_ invention which will allow two children of different ages to be transported in a single unit. She has already registered a (c) \_\_\_\_\_ and I'd like us to develop a (d) \_\_\_\_\_. Could you arrange a meeting with the (e) \_\_\_\_\_ to discuss this? We will have to carry out (f) \_\_\_\_\_ tests to assess safety features and (g) \_\_\_\_\_ with different weight loads.

This could be a real (h) \_\_\_\_\_ in pushchair design!

Regards

Ruth