

**3 What do these words mean? Match words from the box with the definitions.**

Prototype   Test   Evaluate   Redesign   ~~Engineer~~   Design

- 1 Engineer: his or her job is to design or build machines.
- 2 \_\_\_\_\_: to make a drawing of something that will be made or built.
- 3 \_\_\_\_\_: to use something to see if it works correctly.
- 4 \_\_\_\_\_: the first working product of a machine that is used to test the design.
- 5 \_\_\_\_\_: to say how well something works.
- 6 \_\_\_\_\_: to make changes to the design of a product, to make it work better.

**4 Which stage goes where? Read what Adam, the designer, said later in the interview. Match each stage of the design process with a heading in the box.**

~~Identify the Problem~~   Test the Prototype  
Design and Construct a Prototype   Communicate Results  
Develop Possible Solutions   Carry Out Research

- |   |   |
|---|---|
| 1 <u>Identify the Problem</u>   | 2 _____   |
| ☞ There are no coffee makers that tell you when the coffee is not good to drink any more. ☞ | ☞ We looked for any technology that would help us. ☞                            |
| 3 _____   | 4 _____   |
| ☞ We thought of a number of different things we could do. ☞                                 | ☞ When the designs were ready, we used them to build the first working model. ☞ |
| 5 _____   | 6 _____   |
| ☞ We made 342 cups of coffee with different types of coffee beans. ☞                        | ☞ We met with the investors and showed them our results. ☞                      |