

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. ☞ |