

Explain robots and how they are different to other systems.

Use the words to fill in the blank spaces.

machine

move

sense

robotics

designs

Fatima has been learning about ..... She knows that the word "robot" can mean different things to different people.

In general, a robot is a ..... that can independently:

- ☐ ..... its environment.
- ☐ carry out computations to make decisions.
- ☐ do actions in the real world.

What makes robots different to other machines is their ability to .....

Fatima wants to become a roboticist. This is a person that ....., builds, programs, and operates robots.