



Activity 5



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.



Robots and robotics

Real-world applications



Activity 6



Match the applications of robots with the images.

Applications	Image
manufacturing	
transport/logistics	
medical	
space/exploration	
home automation	

