

Design A Droid

You have been selected for a TOP SECRET mission from NASA to create a droid that will explore one of Jupiter's moons. The droid will be sending the United States very important information, so you must submit your best work. Your droid must have certain measurements of area and perimeter for it to be able to survive on the Jupiter's moon.

Cut out parts for your droid prototype using centimeter grid paper. Glue the pieces of your droid onto a large piece of construction paper.

Remember, this is for NASA so your measurements must be exact!

Head = Area of 35 sq. cm

Neck = Area of 6 sq. cm

Body = Area of 144 sq. cm

Left Arm = Perimeter of 20 cm

Right Arm = Perimeter of 24 cm

Left Leg = Perimeter of 42 cm

Right Leg = Perimeter of 40 cm

Left Foot = Area of 8 sq. cm

Right Foot = Perimeter of 8 cm

