

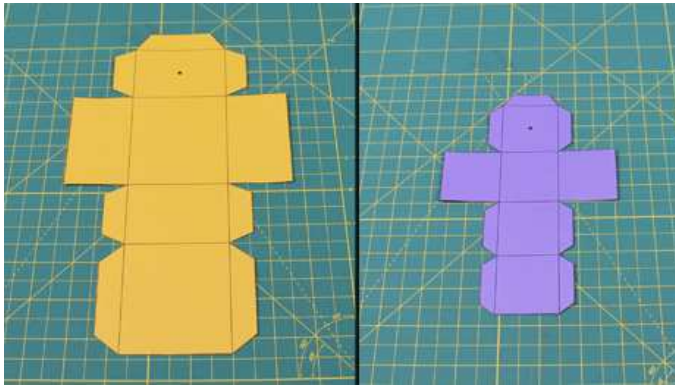
3D Robot

Materials

- coloured cardstock printer paper (Letter size)
- coloured paper to make the arms
- scissors
- thick white glue
- glue gun
- paint in the colour of your choice
- corks or small cardboard tubes
- brass fastener
- pipe cleaner
- buttons, beads, etc..
- aluminum foil or metallized paper or cardboard

Instructions

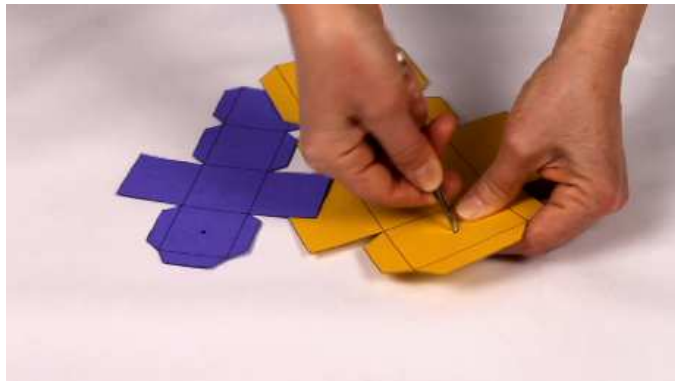
1



Print the rectangular prism and the cube on thick paper colour.

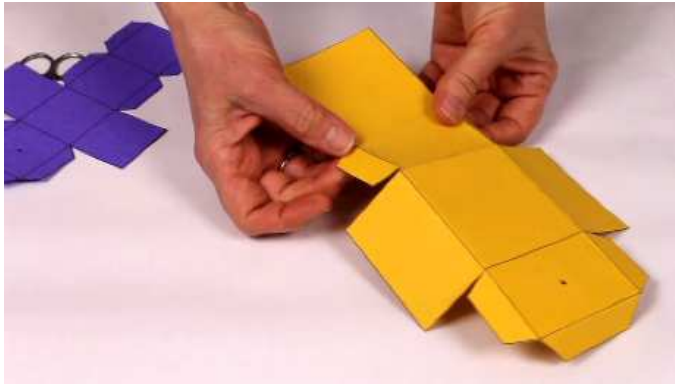
Cut the rectangular prism and the cube with an ex-acto knife or scissors. The flaps will be used to attach the different faces of the prisms together.

2



With a pair of sharp scissors, pierce a small hole through the black dot on one face of each prism.

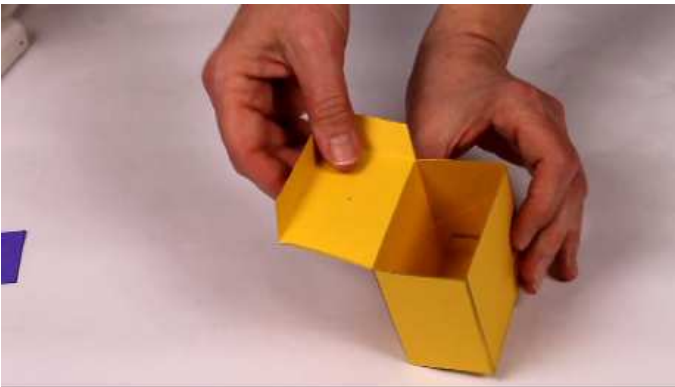
3



Mark all the folds of the rectangular prism.

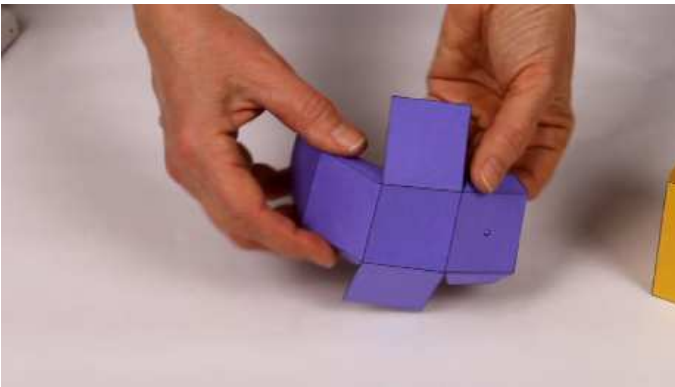
Note : the folds help to build the prism.

4



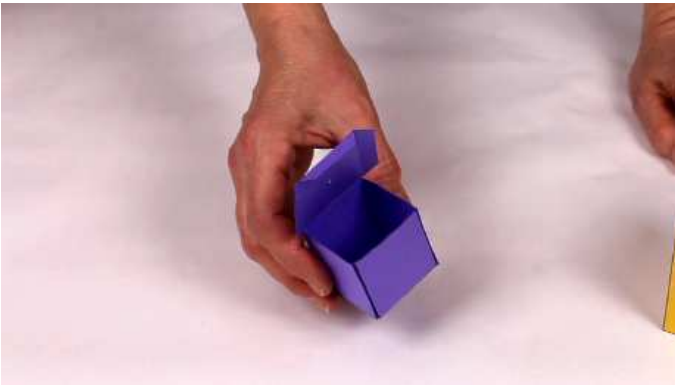
Then glue all the faces of the rectangular prism with the exception of the face with the hole.

5



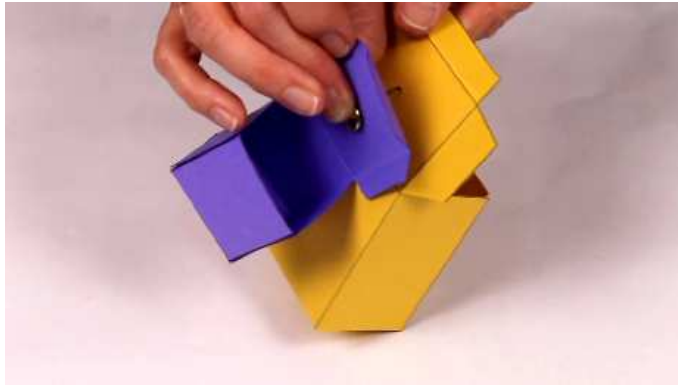
Mark all the folds of the cube.

6



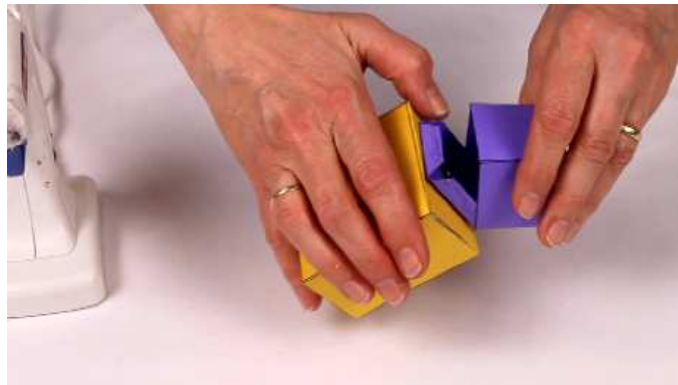
Glue all the faces of the cube with the exception of the face with the hole.

7



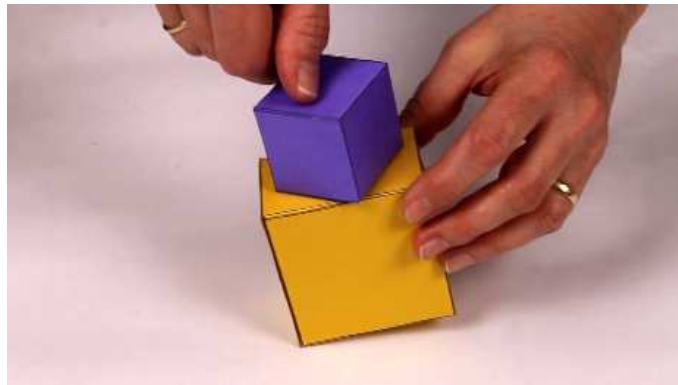
Insert the pointy part of a brass fastener through the hole on the inside of the cube and then insert the pointy part again through the hole on the outside of the rectangular prism. Spread the legs of the brass fastener that are now on the inside of the rectangular prism.

8



Glue the last open face of the rectangular prism and then do the same with the cube.

9



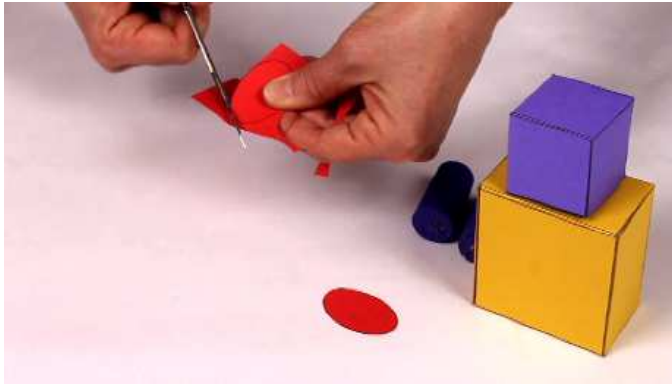
At this stage, you have attached the robot's head to the body and the head can rotate on the body.

10



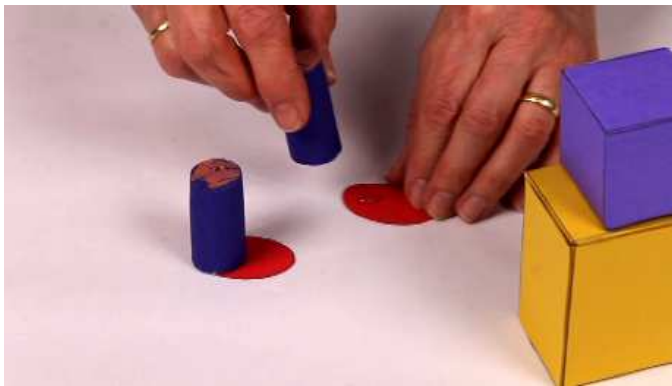
To make the legs, take two corks or two tubes and paint them in a colour of your choice.

11



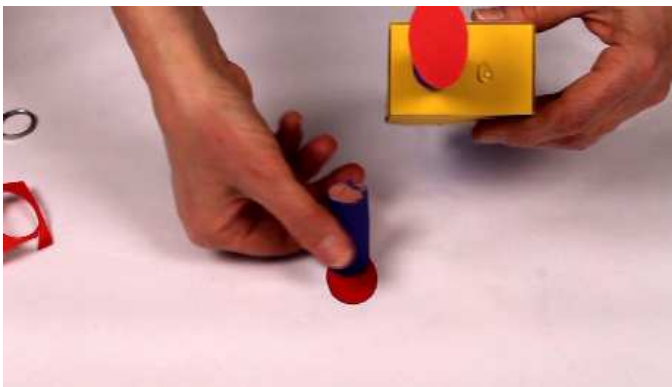
Cut the feet of the robot from coloured cardboard.

12



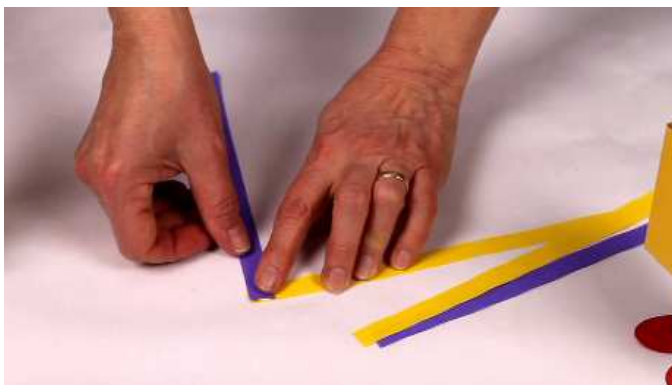
Glue the legs on the feet with the glue gun.

13



Glue the legs to the body of the robot.

14

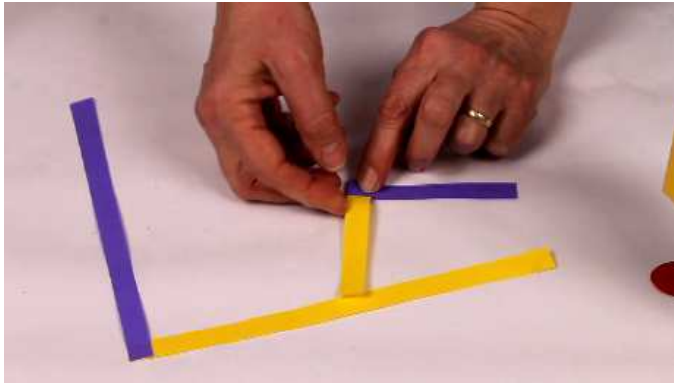


For the arms, cut strips of coloured paper and make accordions.

Glue the ends of the strips at right angles.

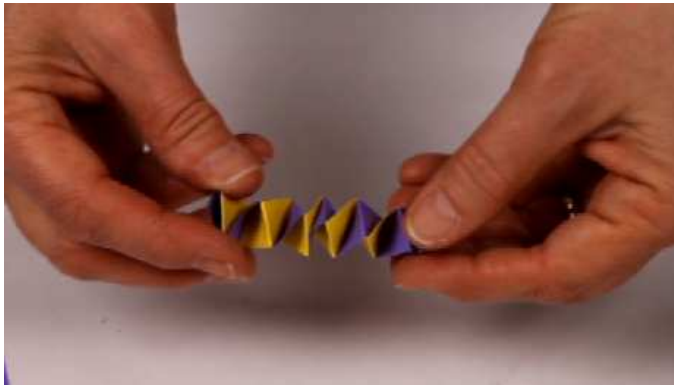
Note : if you use two different colours of paper, you get an interesting effect.

15



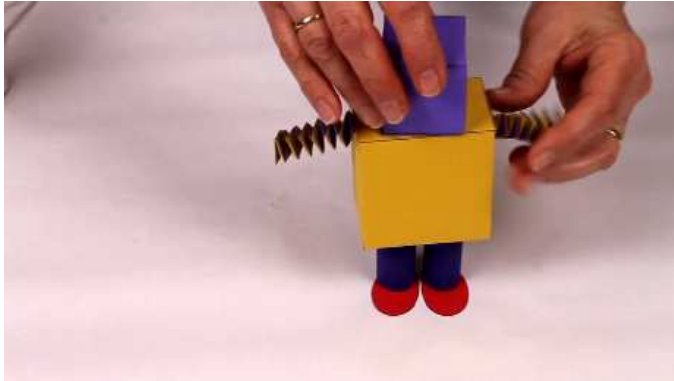
Always cross the strips of paper at right angles.

16



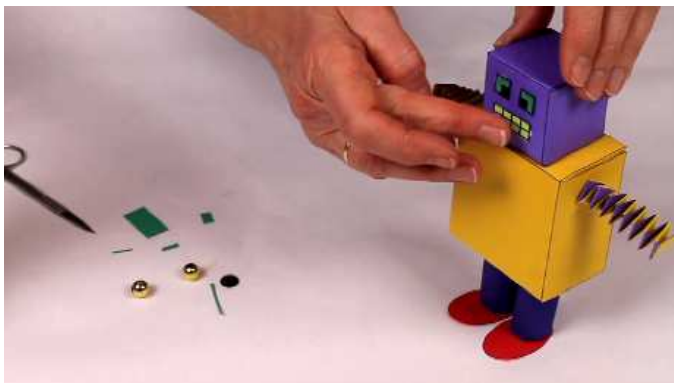
In the end, glue the ends of the accordions so they don't become undone.

17



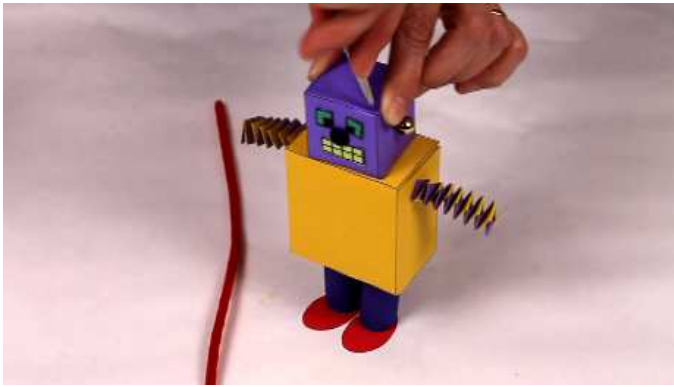
Glue the arms on either side of the body.

18



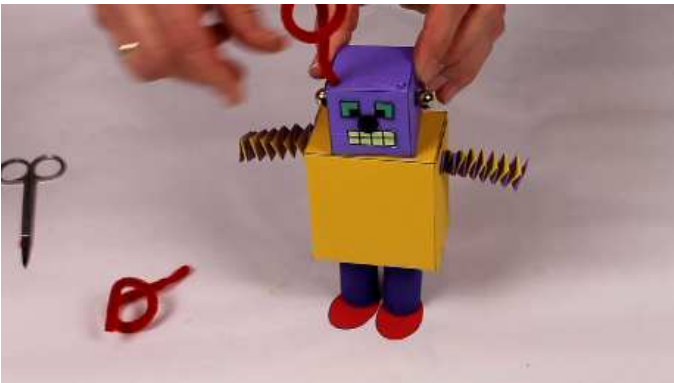
Decorate the face of the robot using buttons, beads or other small objects like that or by drawing or printing the eyes and mouth on coloured paper.

19

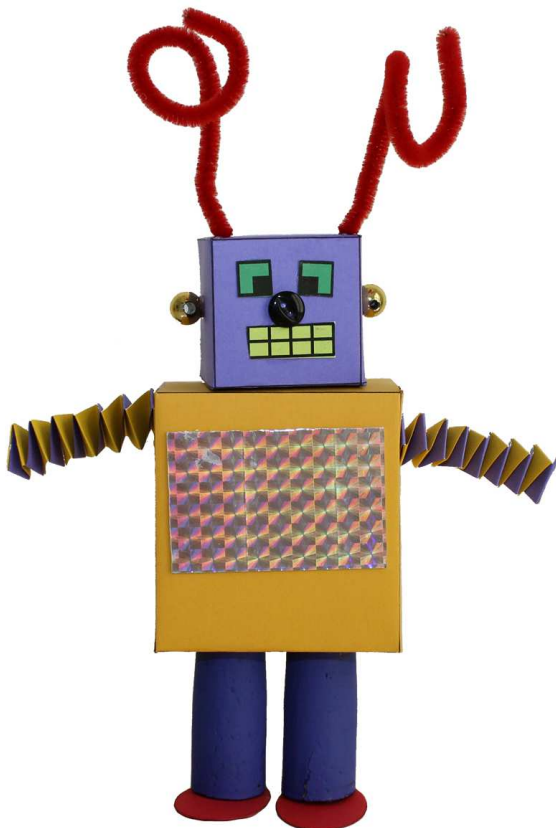


Carefully, make two holes on the top of the head with small pointy scissors.

20

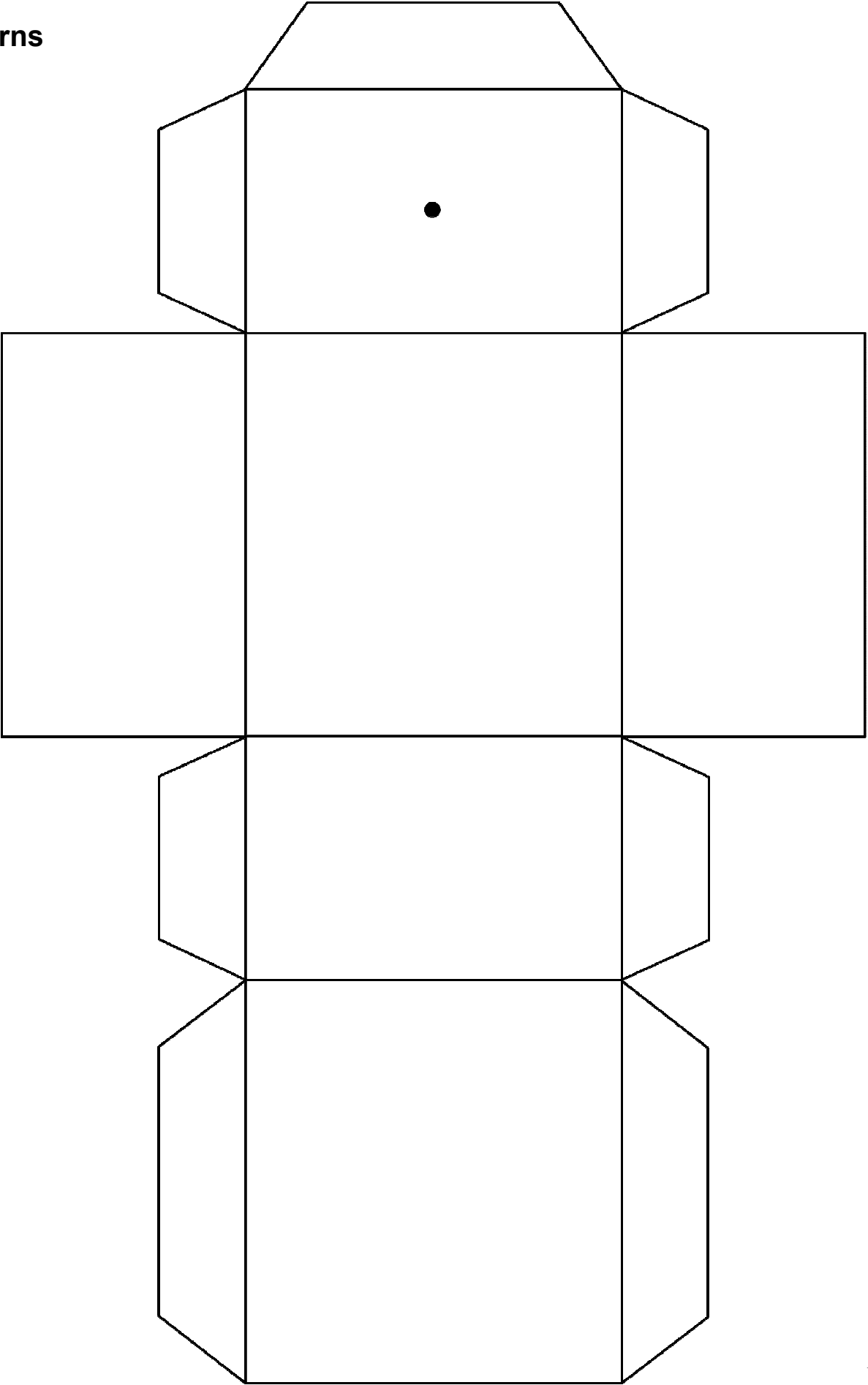


Take a pipe cleaner that you cut in half. The pipe cleaners will form the antennas of the robot. Give the desired shape to the antennas and then slide the pipe cleaners into the holes and glue them in place.



As a final touch, you could put a piece of aluminum foil on the chest of the robot. Depending on your interpretation, this can be a solar panel or a control panel of the robot. The choice is yours!

Patterns



Patterns (cont'd)

