

## Building with Cubes 2

A. You have seven cubes. They are green, white, brown, pink, yellow, blue, and red. Now make this building.

Start with the blue and yellow cubes.

Put them next to each other. The blue cube is on the left.

Put the red cube just behind the yellow cube.

Put the green cube on top of the red cube.

Put the pink cube underneath the blue cube.

Put the brown cube on the right of the yellow cube.

Put the white cube in front of the pink cube.

What does your building look like? Can you draw it or photograph it?

B. Now try a building with eight cubes. They are blue, yellow, orange, pink, brown, green, white, and black.

Start with three cubes in a row.

The centre cube is pink.

The blue cube is on the right of the pink cube.

The orange cube is on the left of the pink cube.

Put the black cube behind the orange cube.

Put the yellow cube underneath the blue cube.

Put the brown cube on top of the green cube and put them both behind the black cube.

Finally, put the white cube on top of the orange cube.

What does your building look like? Can you draw it or photograph it?

C. Now try a building with ten cubes. They are brown, pink, white, red, dark green, blue, orange, pale green, yellow, and black.

Start with three cubes in a column.

The bottom cube is brown and the centre cube is blue.

The cube at the top is black.

Put the yellow cube underneath the red cube and put them both on the left hand side of the column of three cubes.

Rotate all five cubes a quarter turn anti-clockwise.

Now put the dark green cube on the right of the yellow cube.

Put the white cube on the left of the brown cube and the pink cube on the left of the blue cube.

Put the light green cube on top of the black cube.

Rotate the whole building of nine cubes another quarter turn anti-clockwise.

Finally, put the orange cube in front of the white cube.

What does your building look like? Can you draw it or photograph it?