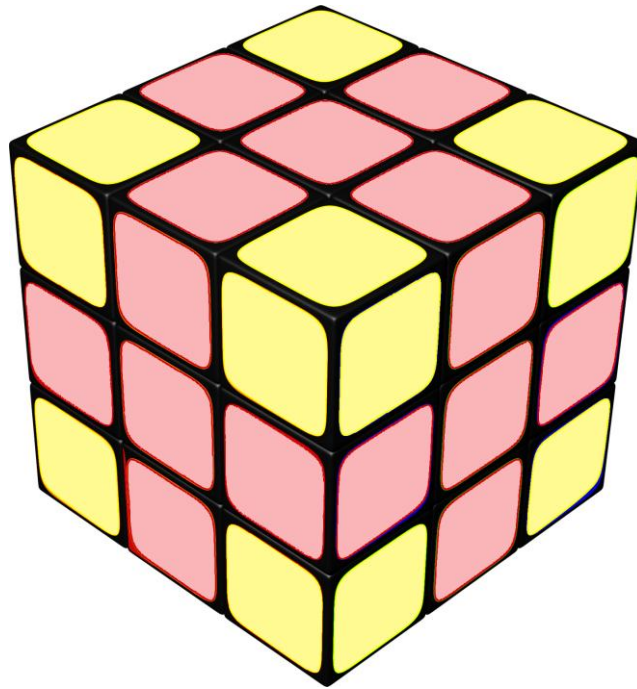


This cube is made up from  $3 \times 3 \times 3$  little cubes whose faces are either all pink or all yellow.



The views from all sides of the cube look like this, and the little cube in the centre is pink.

**How many little pink cubes are used in total?**

**How many little yellow cubes are used?**

Suppose the other views of the cube do not necessarily look like this, and the little cube in the centre is not necessarily pink.

**What is the most and least number of little pink cubes that could be used?**