Painted Cube Problem

Consider a 3X3X3 cube , if the cube is painted on all sides and then corner cubes of one face are removed. The cube is then cut into small cubes. Find

1. Number of 3 side painted small cube(s)
2. Number of 2 side painted small cube(s)
3. Number of 1 side painted small cube(s)
4. Number of no side painted small cube(s)

