LESSON 6·11 | Faces on a Cube
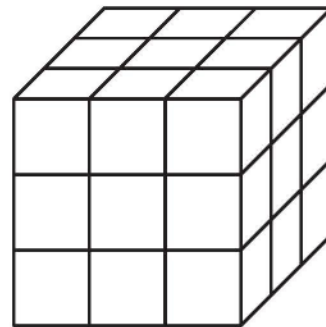
Ingrid built a large cube from cm cubes. The large cube had 3 small cm cubes along each edge. She painted the 6 faces of the large cube. Then she took it apart so it was broken up into small cm cubes again.

Answer the questions about Ingrid's cubes. Use cm cubes and draw pictures to help.

How many cm cubes had no paint on them? _____

How many cm cubes had paint on 1 side? _____

How many cm cubes had paint on 2 sides? _____

How many cm cubes had paint on 3 sides? _____

Try This

Build a cube like Ingrid's that has 5 cm cubes on each edge.

How many cm cubes would have no paint on them? _____

How many cm cubes would have paint on 1 side? _____

How many cm cubes would have paint on 2 sides? _____

How many cm cubes would have paint on 3 sides? _____