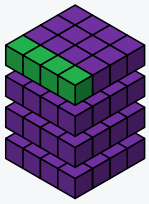
Cubes

Name _____

Colored? Count one layer, count the layers, then the whole box. **White?** The number is given: find the edge, the same on every side.

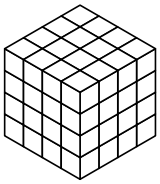
EXAMPLE



one layer 16

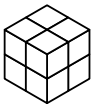
layers 4

4 × 4 × 4 = 64



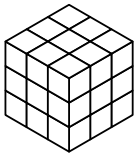
64 little cubes make this cube.

___ × ___ × ___ = 64



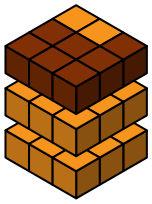
8 little cubes make this cube.

___ × ___ × ___ = 8



27 little cubes make this cube.

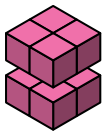
___ × ___ × ___ = 27



one layer _____

layers _____

3 × 3 × 3 = _____



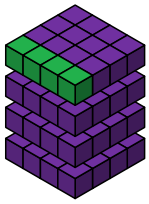
one layer _____

layers _____

2 × 2 × 2 = _____

Cubes

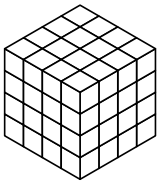
Colored? Count one layer, count the layers, then the whole box. **White?** The number is given: find the edge, the same on every side.



one layer 16

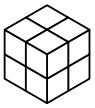
layers 4

4 × 4 × 4 = 64



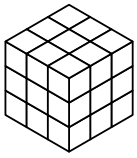
64 little cubes make this cube.

4 × 4 × 4 = 64



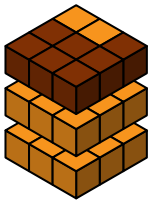
8 little cubes make this cube.

2 × 2 × 2 = 8



27 little cubes make this cube.

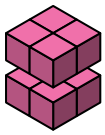
3 × 3 × 3 = 27



one layer 9

layers 3

3 × 3 × 3 = 27



one layer 4

layers 2

2 × 2 × 2 = 8

COLORMYMATH©

Build the Cube: all 3 sheets

This free copy is sheet 1

The whole set is **3 worksheets with every answer**, ready to print:

- Sheet 1: Cubes (this one)
- Sheet 2: Cubes
- Sheet 3: Cubes

99¢, instant download

At **colormymath.com/products/build-the-cube-worksheets**. Print as many copies as you need for one home or one classroom.

Or the whole workbook

Every game's sheets, 105 worksheets with the answers in their own file, is the **Every Game Workbook** at colormymath.com.

The game is free

Play it first at **getridoftheteacher.com/build-the-cube**: no ads, no sign-up, nothing locked.

