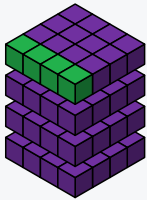


Cubes

Name _____

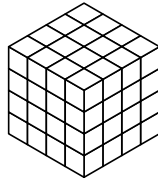
Colored? Count one layer, count the layers, then the whole box. **White?** The number is given: find the edge, the same on every side.

EXAMPLE

one layer 16

layers 4

$$4 \times 4 \times 4 = \underline{64}$$



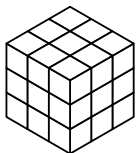
64 little cubes make this cube.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 64$$



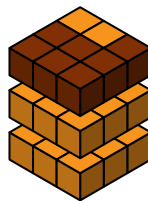
8 little cubes make this cube.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 8$$



27 little cubes make this cube.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 27$$



one layer

layers

$$3 \times 3 \times 3 = \underline{\quad}$$



one layer

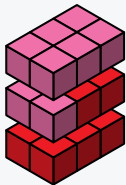
layers

$$2 \times 2 \times 2 = \underline{\quad}$$

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.

EXAMPLEone layer 6layers 3

$$2 \times 3 \times 3 = 18$$



one layer _____

layers _____

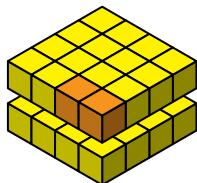
$$2 \times 1 \times 4 =$$



one layer _____

layers _____

$$2 \times 3 \times 2 =$$



one layer _____

layers _____

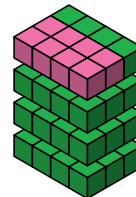
$$4 \times 4 \times 2 =$$



one layer _____

layers _____

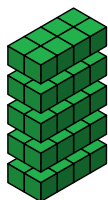
$$2 \times 1 \times 3 =$$



one layer _____

layers _____

$$4 \times 3 \times 4 =$$



one layer _____

layers _____

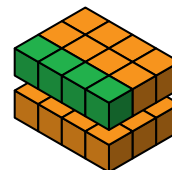
$$2 \times 4 \times 5 =$$



one layer _____

layers _____

$$2 \times 2 \times 2 =$$



one layer _____

layers _____

$$4 \times 3 \times 2 =$$

Cubes

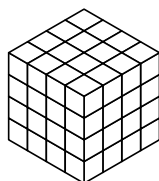
Name _____

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

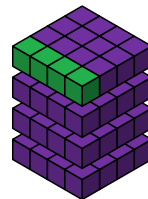
8 little cubes make this cube.

$$\underline{2} \times \underline{2} \times \underline{2} = 8$$



64 little cubes make this cube.

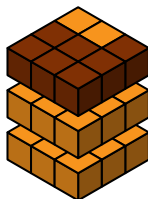
$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 64$$



one layer _____

layers _____

$$4 \times 4 \times 4 = \underline{\quad}$$



one layer _____

layers _____

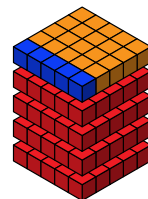
$$3 \times 3 \times 3 = \underline{\quad}$$



one layer _____

layers _____

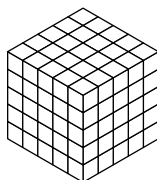
$$2 \times 2 \times 2 = \underline{\quad}$$



one layer _____

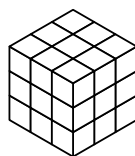
layers _____

$$5 \times 5 \times 5 = \underline{\quad}$$



125 little cubes make this cube.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 125$$

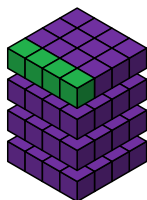


27 little cubes make this cube.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = 27$$

Cubes

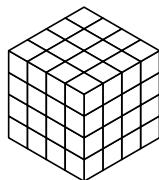
Colored? Count one layer, count the layers, then the whole box. **White?** The number is given: find the edge, the same on every side.



one layer 16

layers 4

$$\underline{4} \times \underline{4} \times \underline{4} = \underline{64}$$



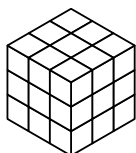
64 little cubes make this cube.

$$\underline{4} \times \underline{4} \times \underline{4} = 64$$



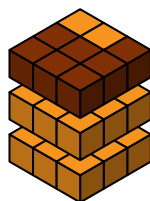
8 little cubes make this cube.

$$\underline{2} \times \underline{2} \times \underline{2} = 8$$



27 little cubes make this cube.

$$\underline{3} \times \underline{3} \times \underline{3} = 27$$



one layer 9

layers 3

$$\underline{3} \times \underline{3} \times \underline{3} = \underline{27}$$



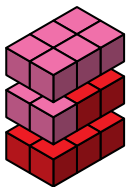
one layer 4

layers 2

$$\underline{2} \times \underline{2} \times \underline{2} = \underline{8}$$

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 6

layers 3

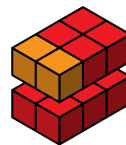
$$2 \times 3 \times 3 = \underline{18}$$



one layer 2

layers 4

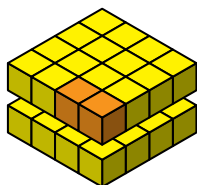
$$2 \times 1 \times 4 = \underline{8}$$



one layer 6

layers 2

$$2 \times 3 \times 2 = \underline{12}$$



one layer 16

layers 2

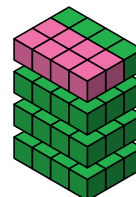
$$4 \times 4 \times 2 = \underline{32}$$



one layer 2

layers 3

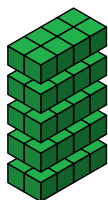
$$2 \times 1 \times 3 = \underline{6}$$



one layer 12

layers 4

$$4 \times 3 \times 4 = \underline{48}$$



one layer 8

layers 5

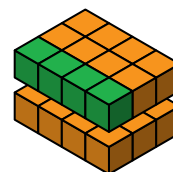
$$2 \times 4 \times 5 = \underline{40}$$



one layer 4

layers 2

$$2 \times 2 \times 2 = \underline{8}$$



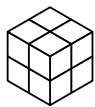
one layer 12

layers 2

$$4 \times 3 \times 2 = \underline{24}$$

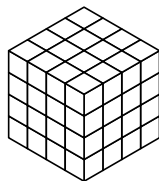
Cubes

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



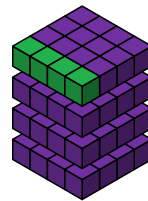
8 little cubes make this cube.

$$\underline{2} \times \underline{2} \times \underline{2} = 8$$



64 little cubes make this cube.

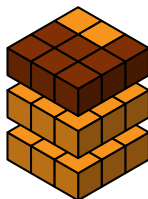
$$\underline{4} \times \underline{4} \times \underline{4} = 64$$



one layer 16

layers 4

$$4 \times 4 \times 4 = \underline{64}$$



one layer 9

layers 3

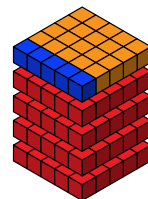
$$3 \times 3 \times 3 = \underline{27}$$



one layer 4

layers 2

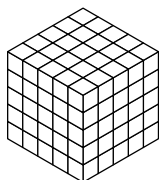
$$2 \times 2 \times 2 = \underline{8}$$



one layer 25

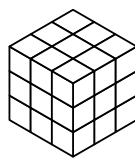
layers 5

$$5 \times 5 \times 5 = \underline{125}$$



125 little cubes make this cube.

$$\underline{5} \times \underline{5} \times \underline{5} = 125$$



27 little cubes make this cube.

$$\underline{3} \times \underline{3} \times \underline{3} = 27$$