

Name: _____ Date: _____

Stacking the shelves

Find the volume of a cuboid using 1 cm³ cubes

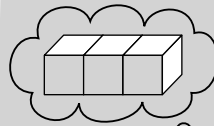
You will need:

- 1 cm interlocking cubes

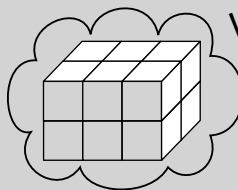
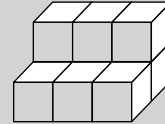
Each of these models is part of a cuboid.

- Make each model below using the fewest possible cubes.
- Estimate how many cubes are missing.
- Complete the cuboid and find its volume.

Example



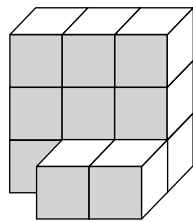
... Cubes missing =



Volume of cuboid =

=

a

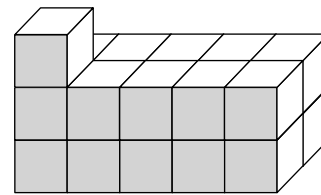


Cubes missing =

Volume of cuboid =

=

b

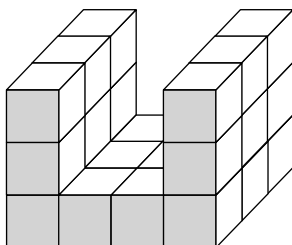


Cubes missing =

Volume of cuboid =

=

c

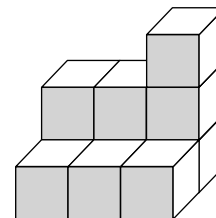


Cubes missing =

Volume of cuboid =

=

d



Cubes missing =

Volume of cuboid =

=