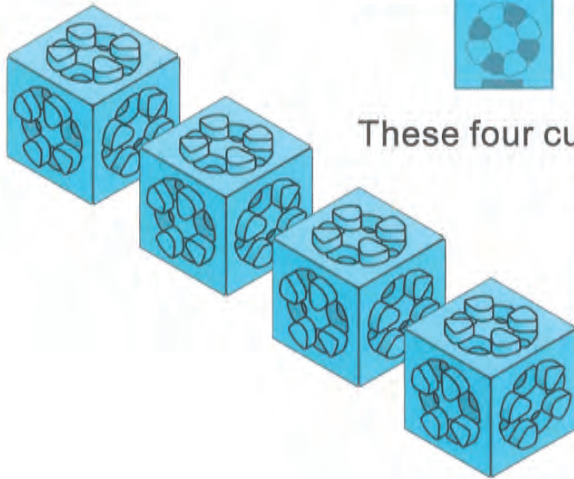
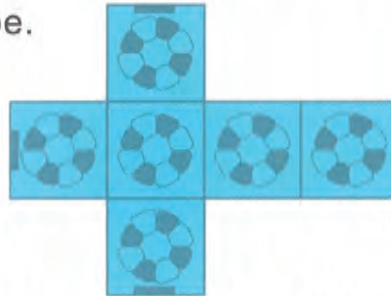
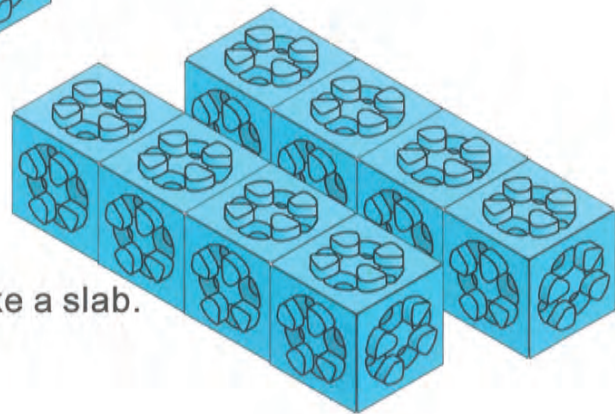


Rods, Slabs and Blocks

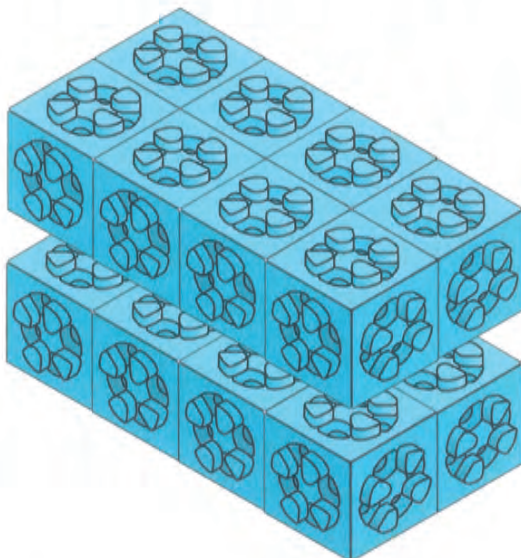
This net makes a cube.



These four cubes fit together to make a rod.



These rods fit together to make a slab.

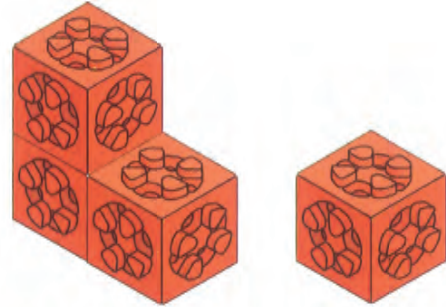
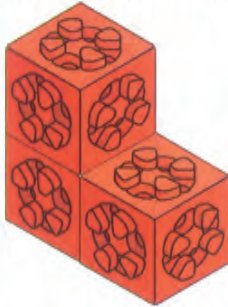


These fit together to make a block.

Now make some rods, slabs and blocks of your own.

Fitting Together

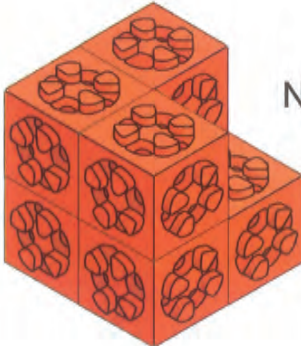
Make an L shape with 3 cubes.



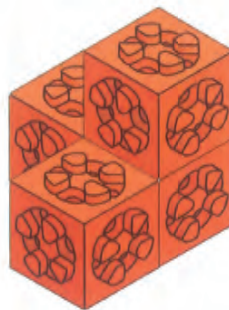
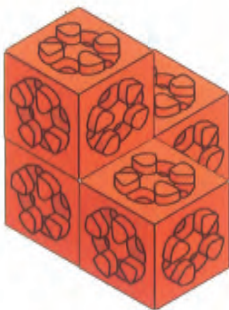
Now try adding a fourth cube to make a slab.

To do this you need to break the L.

To fit cubes into corners always work in slabs or rods.



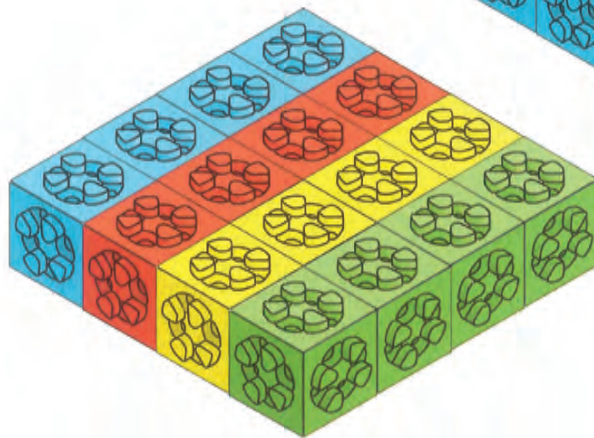
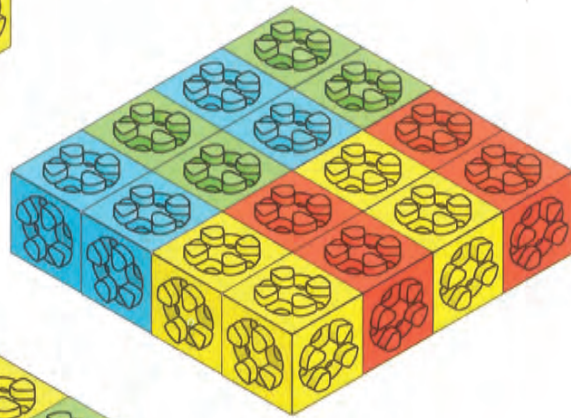
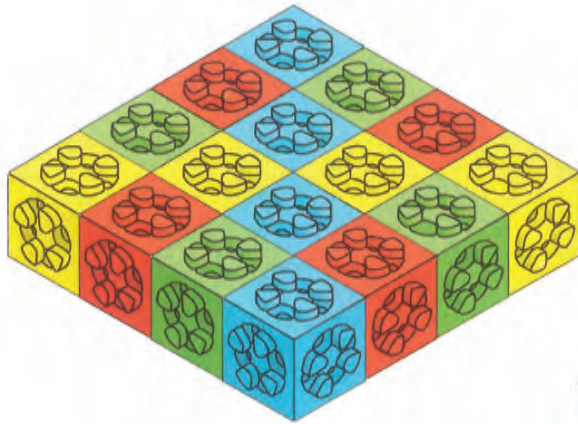
Now try adding a cube to the corner of this shape.



How can the cubes in these two shapes be fitted together to make a block?

Pattern Slabs

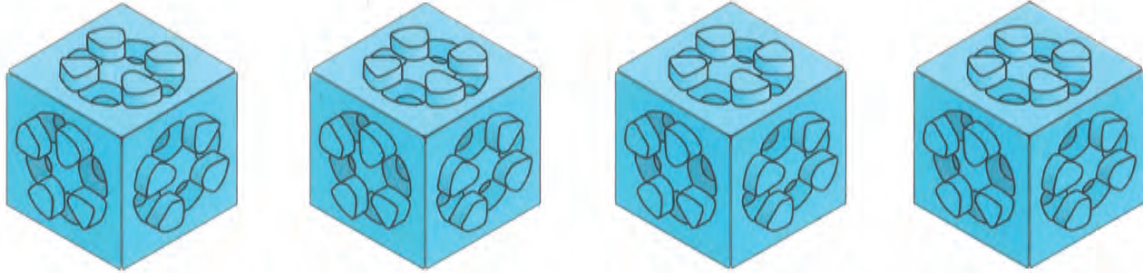
Here are 3 patterns you can make with 16 cubes.



Use 16 cubes (4 of each color) to make as many more patterns as you can.

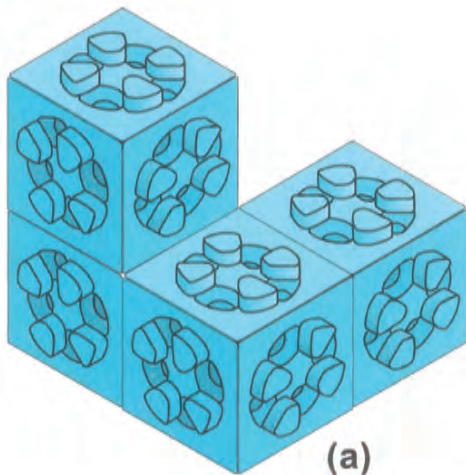
Find a way to record your patterns.

Shape Making

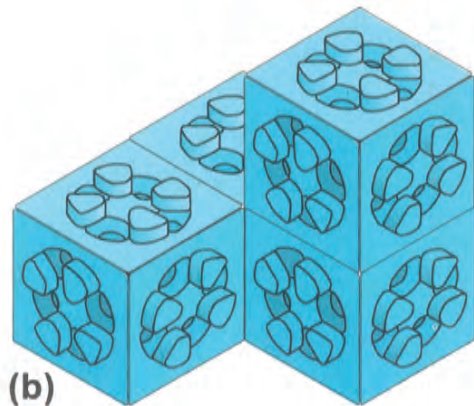


How many shapes can you make with these 4 cubes?

Find a way to record your shapes.



(a)



(b)

These shapes look different but are they?

Make them and see!

What did you do to check the shapes were the same?

See how many different shapes you can make with 5 cubes.