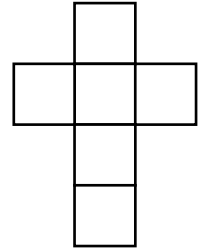


Nets of a Cube

1. Use the supplied grid paper to make the shape on the right. Make each square at least one inch (or at least 2 cm) on a side.



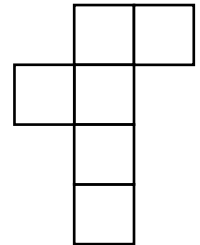
Now

- cut out the shape
- fold along the lines

You will get a cube. You may tape it together if you wish.

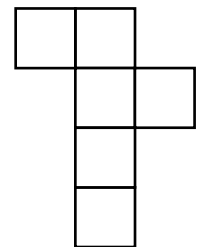
A plane shape that folds to make a cube is called a **Net of a Cube**.

2. Will this net also make a cube? Cut it out and see.



3. This net is considered to be the **same** net as the last one, since we can make it by just flipping the last net over.

Place the last net on this one to see that they are the same.



Your group's task

Using trial and error, lots of teamwork, division of labor, and/or considerable brain power, find **ALL** of the *different* nets of cubes.

Record your answers on the supplied grid paper (or in your grid notebooks).