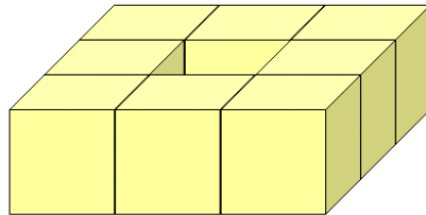


Building chimneys

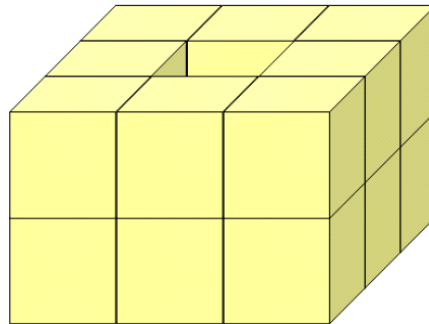
You will need

- some paper
- a pencil
- some interlocking cubes

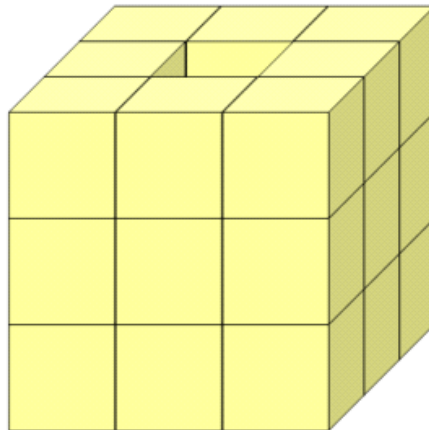
A chimney with 1 layer can be made from 8 cubes.



A chimney with 2 layers can be made from 16 cubes.



A chimney with 3 layers can be made from 24 cubes.



How many cubes will you need to make a tall chimney with 10 layers?

Look for rules or patterns. Describe them to your partner.

Can you make

- a different shaped chimney?
- a wider chimney?