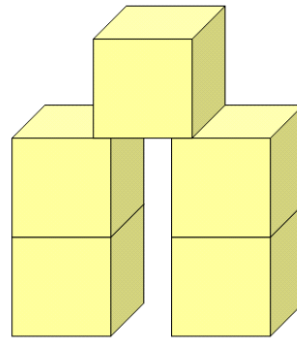


# Building arches

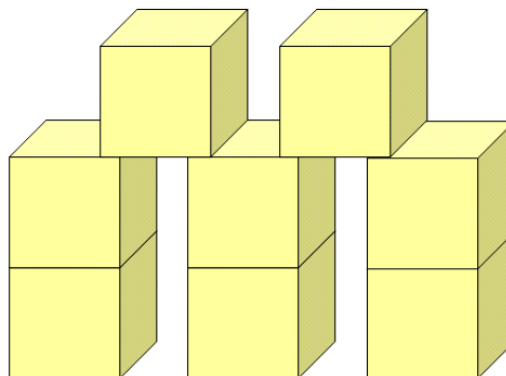
You will need

- some paper
- a pencil
- some interlocking cubes

It takes 5 cubes to make 1 arch.



It takes 8 cubes to make 2 arches.



How many cubes will you need to make 10 arches?

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

Can you make

- a taller arch?
- a wider arch?
- an arch which takes only 35 cubes?
- a set of 3 arches which needs 39 cubes?
- an arch and then ask your partner to predict how many cubes 10 arches will need?