

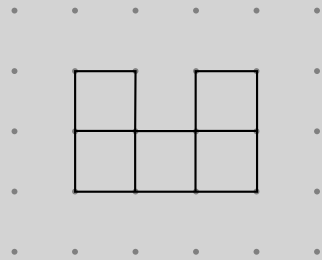
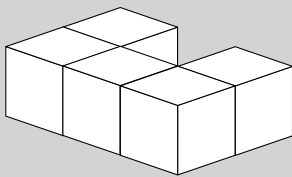
Name: _____ Date: _____

Investigating 3-D shapes made with 5 cubes

Investigate and draw 3-D shapes which can be made using interlocking cubes

An architect draws plans for single-storey offices which have five rooms of identical size.

Example



You will need:

- 5 centicubes
- ruler
- 1 cm square dot paper

- Use 5 cubes to investigate different designs for single-storey office blocks.
- Draw the plans of the shapes that you find in the space below. You might need to use a sheet of 1 cm square dot paper to draw all your plans. Shapes that are mirror images or have been turned round are not allowed. The architect drew 12 different plans. Can you find them all?

Plans of 5-room single-storey office blocks

