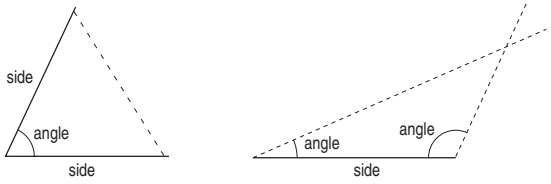
Pupils should be taught to:

Construct lines, angles and shapes (continued)

As outcomes, Year 7 pupils should, for example:

Construct triangles.
Use ruler and protractor to construct triangles:
- given two sides and the included angle (SAS);
- given two angles and the included side (ASA).



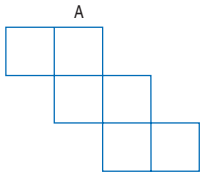
For example:

- Construct ΔABC with ∠A = 36°, ∠B = 58° and AB = 7 cm.
- Construct a rhombus, given the length of a side and one of the angles.

See Y456 examples (pages 102–3).

Construct solid shapes. Use ruler and protractor to construct simple nets. For example:

- Look at this net of a cube.
  When you fold it up, which edge will meet the edge marked A?
  Mark it with an arrow.



- Imagine two identical square-based pyramids.
  Stick their square faces together.
  How many faces does your new shape have?
- Construct on plain paper a net for a cuboid with dimensions 2 cm, 3cm, 4cm.
- Construct the two possible nets of a regular tetrahedron, given the length of an edge.