

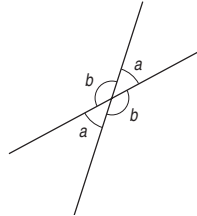
SHAPE, SPACE AND MEASURES

Pupils should be taught to:

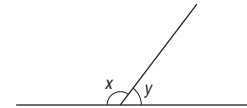
Identify properties of angles and parallel and perpendicular lines, and use these properties to solve problems (continued)

As outcomes, Year 7 pupils should, for example:

Know the sum of angles at a point, on a straight line and in a triangle, and recognise vertically opposite angles and angles on a straight line.



vertically opposite angles



$$x + y = 180^\circ$$

angles on a straight line

Link with rotation (pages 208–12).

Recognise from practical work such as measuring and paper folding that the three angles of a triangle add up to 180° .

Given sufficient information, calculate:

- angles in a straight line and at a point;
- the third angle of a triangle;
- the base angles of an isosceles triangle.

For example:

- Calculate the angles marked by letters.

