FUNCTIONAL SKILLS MATHEMATICS

AQA | Edexcel | City & Guilds | Open Awards | NCFE | Highfield

Level 2

Angles in 2D Shapes

Materials
- You **cannot** use a calculator for **questions** with this symbol.

Instructions
- Answer **all** questions.
- Answer questions on separate paper.

Information and Advice
- The marks for each question are shown in brackets – use this as a guide on how long to spend on each question.
- Read each question carefully before you answer it.
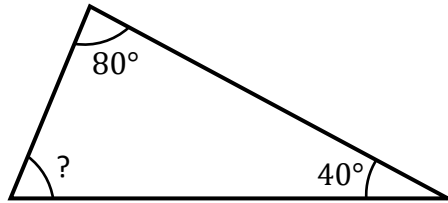- Check you answers.

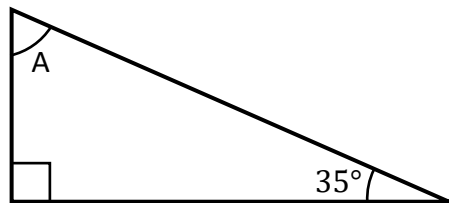**Q1** What is the size of each angle in an equilateral triangle?

[1 mark]

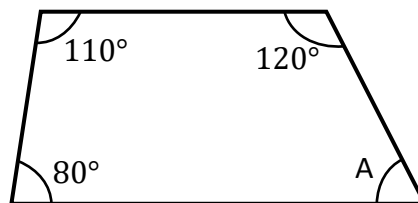**Q2** Find the missing angle in this triangle.

[1 mark]

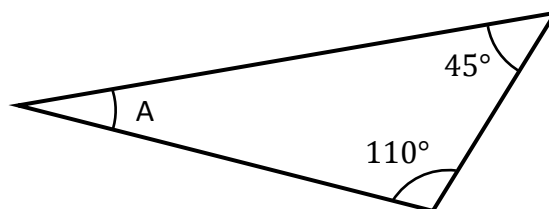**Q3** Find the angle labelled A in this right-angled triangle.

[1 mark]

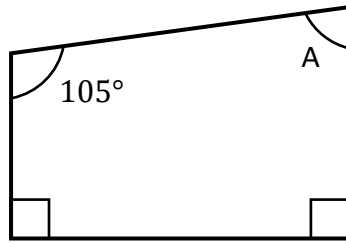**Q4** Find the angle labelled A in this quadrilateral.

[1 mark]

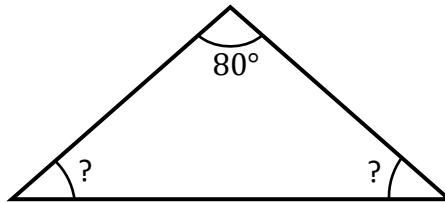**Q5** Find the angle labelled A in this triangle.

[1 mark]

5

Q6   Find the angle labelled A in this quadrilateral.
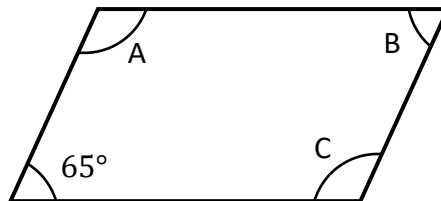
105°

A

[1 mark]

Q7   Find the missing angle in this isosceles triangle.
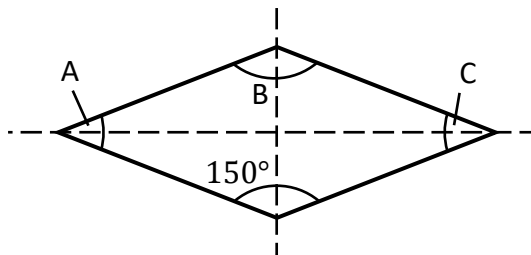
80°

?   ?

[2 marks]

Q8   The diagram below shows a parallelogram. A parallelogram has two pairs of equal angles. Find the values of angles A, B and C.

A   B

C

65°

[3 marks]

Q9   The diagram below shows a kite with two lines of symmetry. Find the values of angles A, B and C.

A   B   C

150°

[3 marks]