



Deepen Activities

- 1 a) Join the points 8, 11 and 2 on an analogue clock face to draw a triangle. Without measuring, work out the internal angles of the triangle.
- b) What other triangles can you make? Find their angles without using a protractor.

I wonder if it will help me to work systematically.



- 2 a) Draw a quadrilateral that has one angle of 53° , one length of 4.7 cm and one length of 3.8 cm.
- b) How many different quadrilaterals like this can you draw?

I know how to use my ruler and protractor accurately.



- 3 Design a missing angle question using straight lines and a regular polygon. Make sure that it can be completed using angle facts and not using a protractor.

Give it to your partner to solve and check their answer.

I think I will use the fact that I know about opposite angles where two straight lines intersect.

