

**1** An equilateral triangle has side length 16 metres.

Using ruler and compasses only, construct a scale drawing of the triangle.

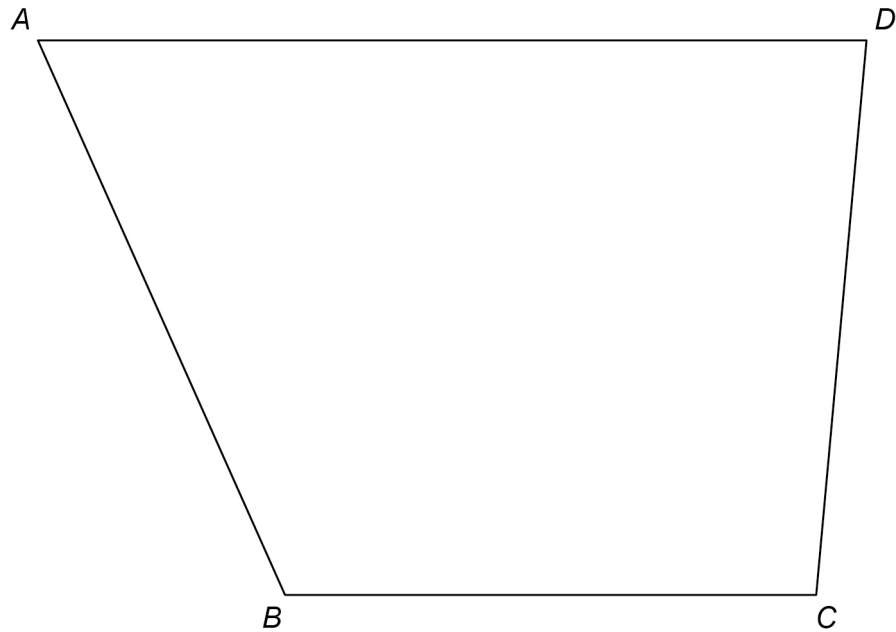
Use the scale 1 centimetre represents 2 metres.

**[3 marks]**

**Scale:** 1 cm represents 2 m

**2** Use a ruler and compasses in this question.

$ABCD$  represents a garden.



A tree is to be planted in the garden.

The tree will be in the region that is closer to  $AB$  than to  $BC$ .

Label the region,  $R$ , where the tree could be planted.

Show all your construction lines.

**[3 marks]**