

UNIT 12 *Constructions and Loci*

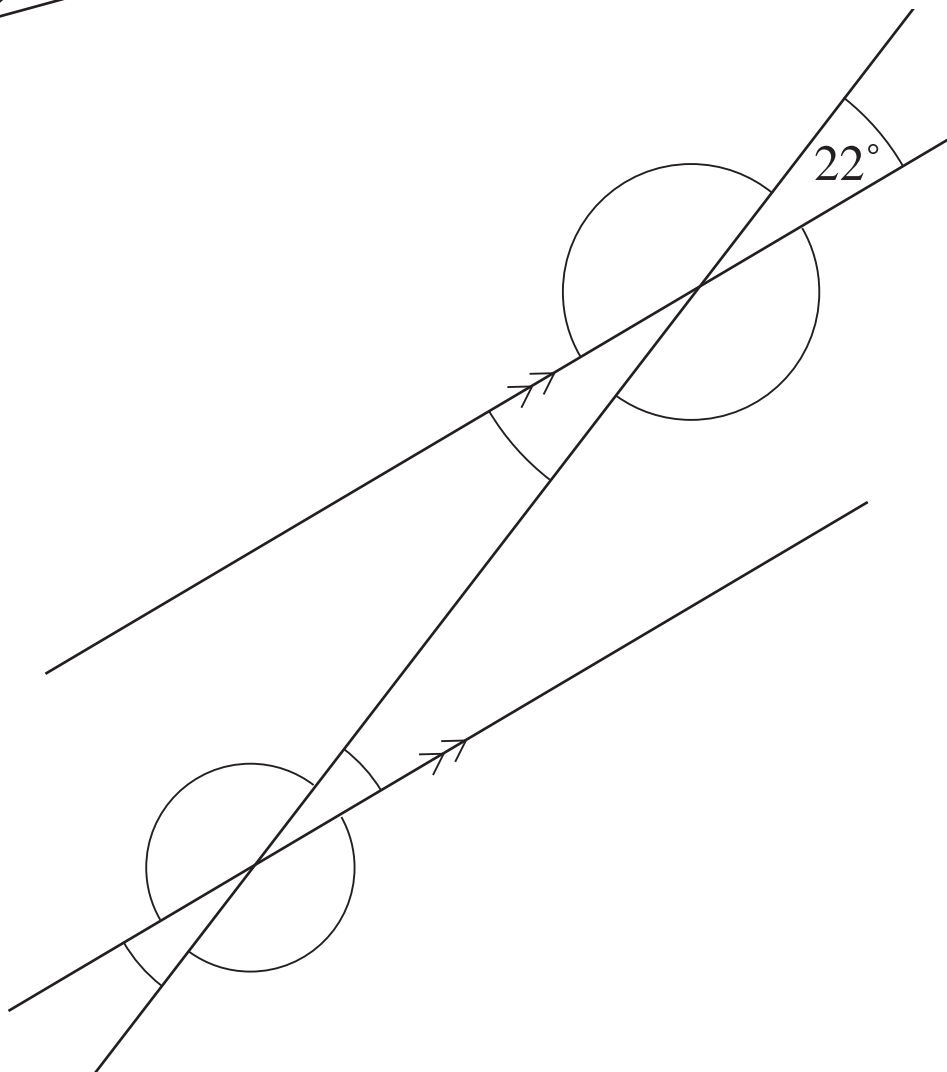
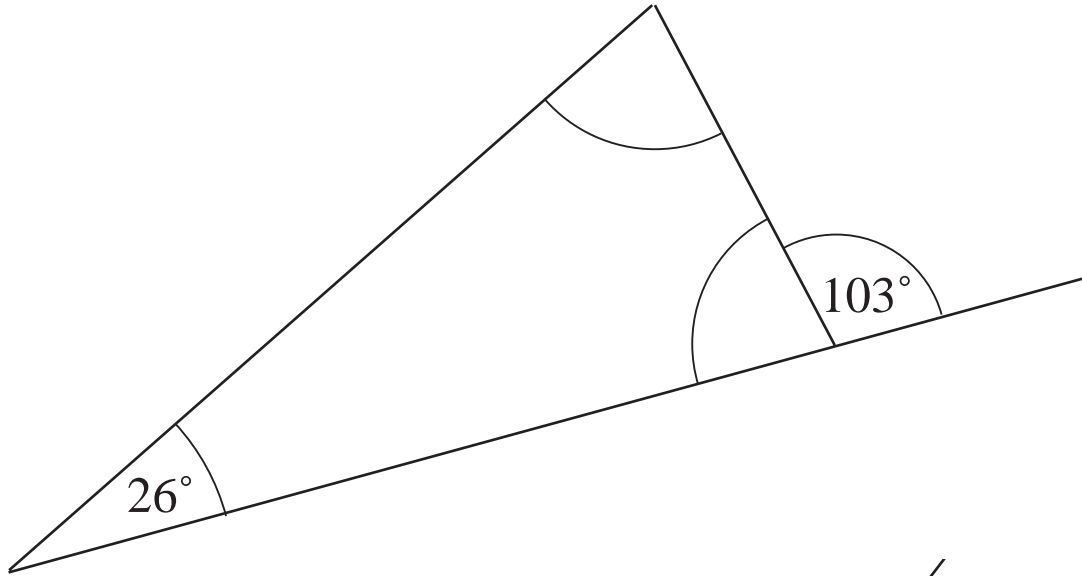
Overhead Slides

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- 12.1 Angles
- 12.2 Constructions: Bisectors
- 12.3 Constructions: Perpendiculars
- 12.4 Loci 1
- 12.5 Loci 2

OS 12.1*Angles*

In each of the diagrams, write in the sizes of the unknown angles.

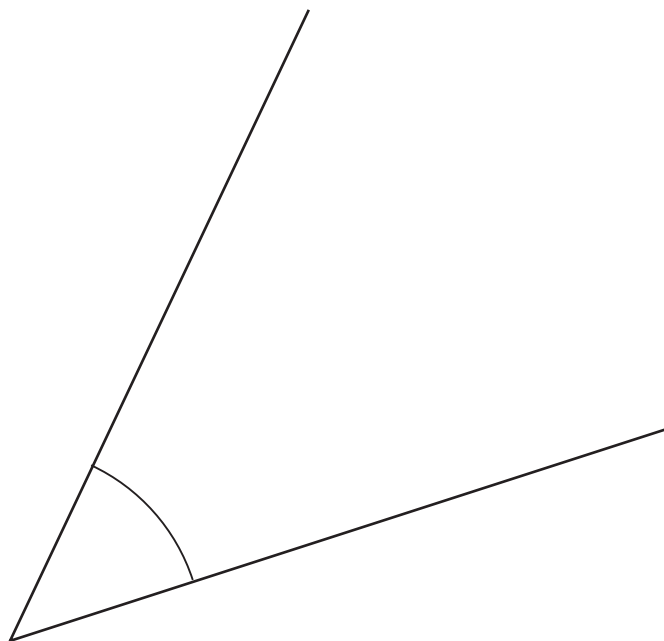


OS 12.2*Constructions: Bisectors*

1. Construct the perpendicular bisector of this line:

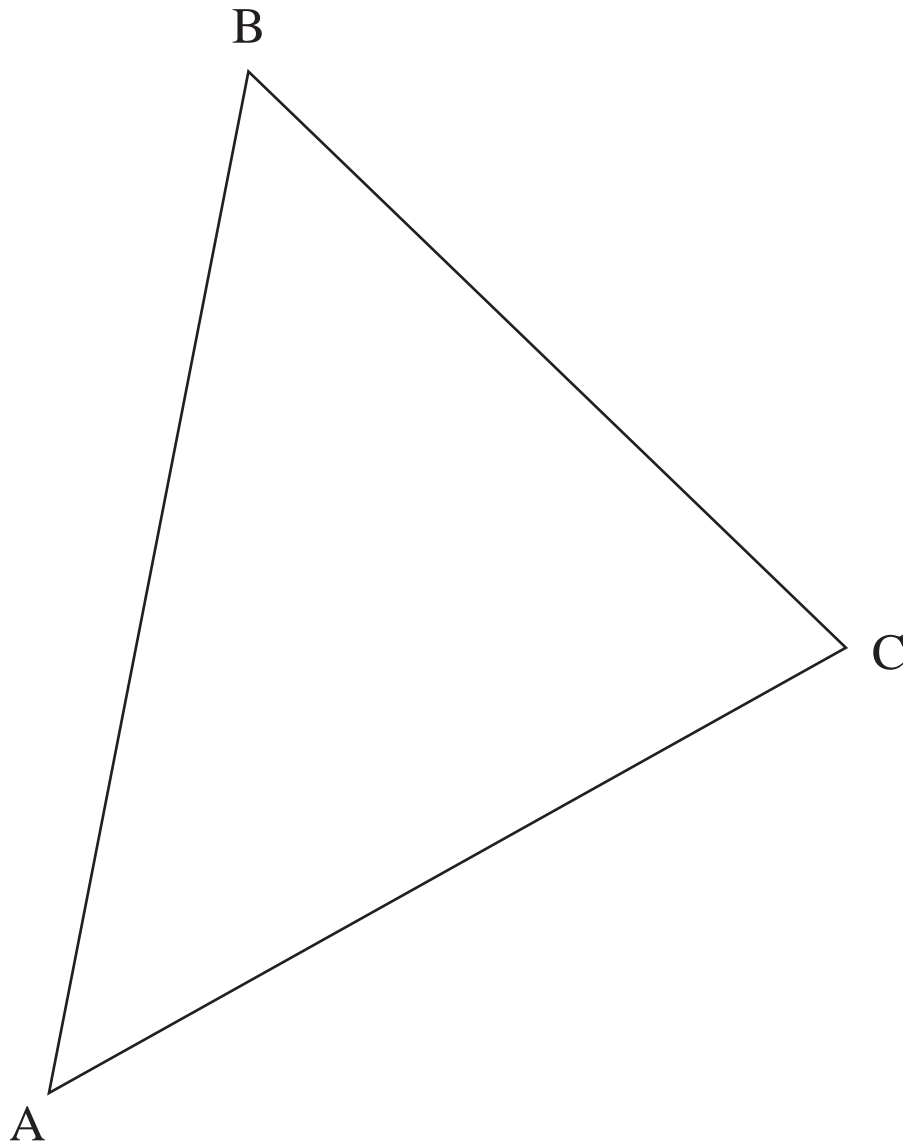


2. Bisect this angle:



OS 12.3*Constructions: Perpendiculars*

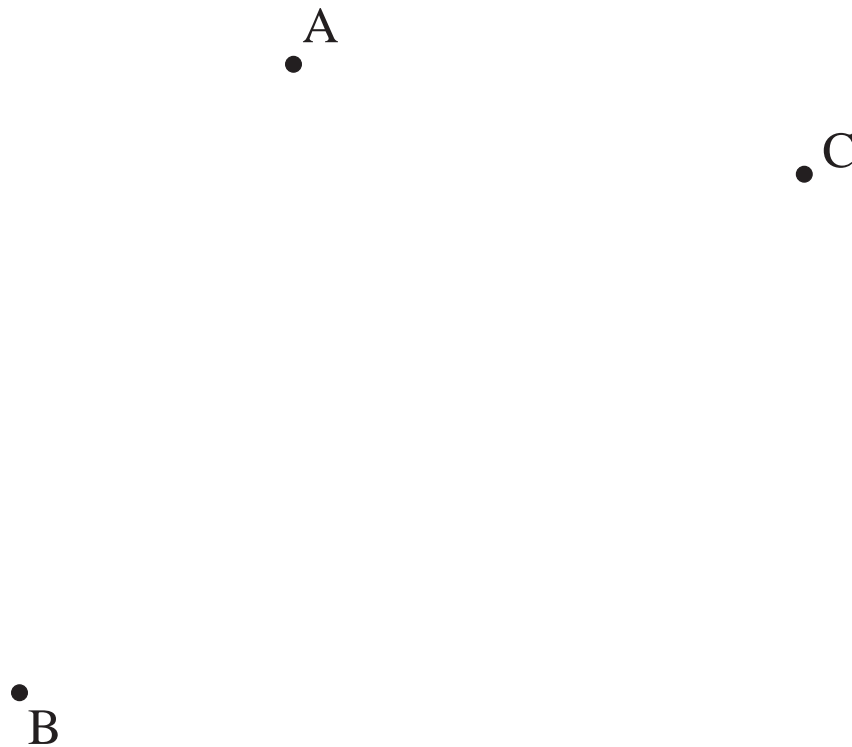
Draw a line through A, perpendicular to BC.



OS 12.4*Loci 1*

The diagram shows the points A, B and C.

Draw the locus of the points that are equidistant from A and B and within 10 cm of C.



OS 12.5

Loci 2

Draw the locus of the points that are 4 cm from this parallelogram:

