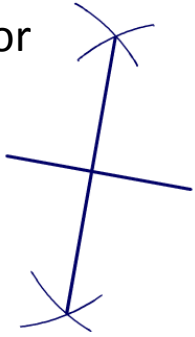
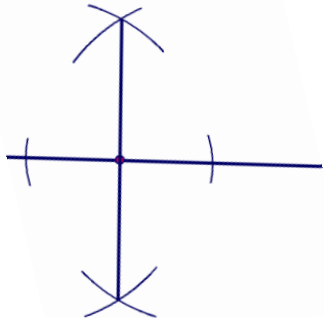


FOUNDATION TIER Module 11  
Construction and Loci

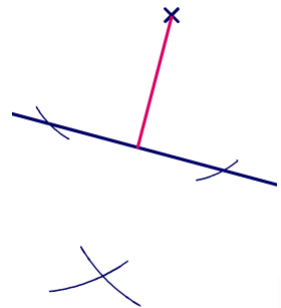
Construct a perpendicular bisector



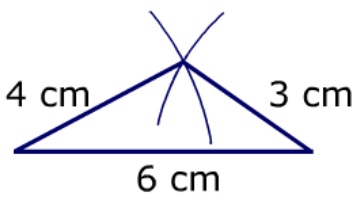
Construct a perpendicular bisector from a point ON a line



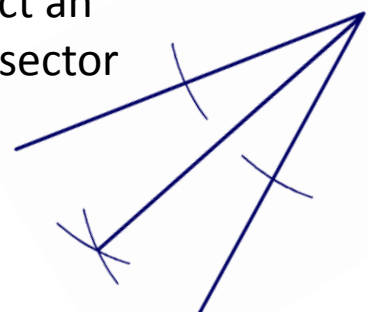
Construct a perpendicular bisector from a point TO a line



Construct a triangle given 3 sides



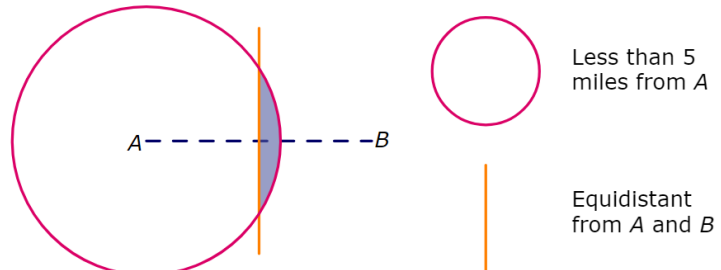
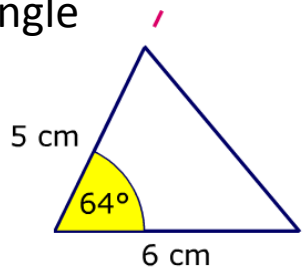
Construct an angle bisector



**Locus (Loci) – the path a moving object takes**

*A* and *B* are two towns 8 miles apart.  
A mobile phone mast is to be installed.  
It must be less than 5 miles from *A* and nearer to *B* than to *A*.

Construct a triangle given 2 sides and 1 angle



**Key Vocabulary:** Construct, Perpendicular, Bisect, Angle, Straight, Locus, Loci, Pair of compasses, Protractor

**Key Websites:**

- [www.mymaths.co.uk](http://www.mymaths.co.uk) login is torpoint, see teacher for password
- [www.mrbartonmaths.com](http://www.mrbartonmaths.com)
- [www.corbettmaths.com](http://www.corbettmaths.com)
- [www.justmaths.co.uk](http://www.justmaths.co.uk)
- [www.missbsresources.com](http://www.missbsresources.com)
- [www.onmaths.com](http://www.onmaths.com)
- [www.mathsgenie.co.uk](http://www.mathsgenie.co.uk)
- [www.nrich.maths.org](http://www.nrich.maths.org)