

Constructions, Loci and Bearings

Objective	Sparx Task	
1. Draw and understand plans, elevations and isometric views	U743	
2. Construct ASA, SAS and SSS triangles	U187	
3. Construct a perpendicular bisector, angle bisector, bisector from a point to a line, bisector from a point on a line (consider how to use these to draw angles of 30, 45 and 60 degrees)	U787 U245	
4. Construct multiple loci and shade areas to obey these stipulations. These loci include constructions that are a fixed distance from a point, fixed distance from a line. Equidistant from two points and equidistant from two lines.	U820	
5. Read and construct scale drawings. Estimate lengths from scale.	U257	
6. Understand, measure and draw bearings accurately.	U525	
7. Use angle geometry to solve bearings problems	U107	