49 Maths Knowledge Organiser Topic 3: Constructions and Loci What must I be able to do? Key vocabulary Bisector You may need to revise the following: The <u>line</u> which splits something Year 7 Topic 13: Constructions and Classifying 2D Shapes in half. New content: Construct a triangle knowing all 3 sides by using a compass Loci (plural locus) All the possible positions or Sparx M565 points which fit a rule. Construct an angle bisector Sparx M232 The <u>same distance</u> from Equidistant Construct a perpendicular bisector something at all times. Sparx M239 Construct a 90° angle from a point Arc A part of a circumference of a Draw a locus for a given rule circle. Sparx M253 Set the compass to SSS Triangle the lengths of 2nd to connect and 3rd sides by the ends of using a ruler Draw the 1st side as a base the base to the overlap Compass stays the same size for these 2 arcs Angle bisector Compass must be the Compass over half Perpendicular bisector the length of the line same size as before





