

	Plot coordinates in four quadrants and linear equations parallel to the coordinate axes. Convert metric measures. Recognise congruent and similar shapes. Transform shapes using translation, reflection, rotation and enlargement.				
8.1 3D solids	Draw 3D shapes on an isometric grid. Recognise dimensions of a cuboid.	3	4	Draw plans and elevations of 3D solids.	
8.2 Reflection and rotation	Draw simple straight lines on a coordinate grid. Know whether the image is congruent to the original following a reflection or a rotation.	3	4	Reflect a 2D shape in a mirror line. Rotate a 2D shape about a centre of rotation. Describe reflections and rotations.	272,273 274,275
8.3 Enlargement	Enlarge shapes on a coordinate grid in one quadrant.	3	7	Enlarge shapes by fractional and negative scale factors about a centre of enlargement.	107,108
8.4 Transformations and combinations of transformations	Describe translations.	4	5	Translate a shape using a vector. Carry out and describe combinations of transformations.	326
8.5 Bearings and scale drawings	Convert metric measures and apply to scales. Accurate drawing of right-angled triangle.	3	4	Draw and use scales on maps and scale drawings. Solve problems involving bearings.	283,284 26
8.6 Constructions 1	Accurate drawings of triangles given SSS and ASA. Know the meaning of the terms perpendicular, bisect, arc.	3	4	Construct triangles using a ruler and compasses. Construct the perpendicular bisector of a line. Construct the shortest distance from a point to a line using a ruler and compasses.	81,82,83 78 79
8.7 Constructions 2	Draw angles with a protractor. Construct triangles and deduce information from them.	4	5	Bisect an angle using a ruler and compasses. Construct angles using a ruler and compasses. Construct shapes made from triangles using a ruler and compasses.	72 68,69,70,71
8.8 Loci		4	7	Draw a locus. Use loci to solve problems.	75,76,77
TEST					