

	Topic	Information	Examples	Sparx Clip
1	Line and shape properties	Identifying right-angled, equilateral, isosceles and scalene triangles. Identifying and describing the properties of common quadrilaterals. Identifying and naming polygons with a given number of sides.		M814, M276, M523
2	Perimeter	The total distance around the outside of a shape. Units include: <i>mm, cm, m</i> etc.	$P = 8 + 5 + 8 + 5 = 26cm$	M928, M429, M814, M276, M920, M635, M690
3	Area	Area of a Rectangle Length x Width Area of a Parallelogram Base x Perpendicular Height Area of a Triangle Base x Perpendicular Height $\div 2$	$A = 24cm^2$	M187, M813, M814, M276, M900, M390, M269, M610, M996
4	Coordinates and shapes	Written in pairs . The first term is the x-coordinate (movement across). The second term is the y-coordinate (movement up or down)	<p>A: (4,7) B: (-6,-3)</p>	M276, M618, M230
5	Factors and multiples	A factor is a number that divides exactly into another number without a remainder. A multiple is the result of multiplying a number by an integer. The times tables of a number.	<p>The factors of 18 are: 1, 2, 3, 6, 9, 18</p> <p>The first five multiples of 7 are: 7, 14, 21, 28, 35</p>	M462, M354, M227, M823, M698
6	Primes	A number with exactly two factors . A number that can only be divided by itself and one.	<p>The first ten prime numbers are: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29</p>	M322, M108, M462

