Multiplication and division vocabulary			<u>Roman numerals</u>	Measurement conversions	
Term factor common	Definition a number that divides exact into another number factors of two numbers tha	1, 2, 3, 4, 6, 12	1         I         100         C           5         V         500         D           10         X         1000         M	MonthDaysJanuary31February28 (29 in leap year)March31	1 centimetre         10mm           1 metre         100cm           r)         1 kilometre         1,000 m
factor prime number composite number	are the same a number with only 2 factors 1 and itself a number with more than two factors	12 = 1, 2, 4	50 L MATHS KNOWLEDGE ORGANISER	MarchS1April30May31June30July31August31	1 mile         1.6 km           1 kilometre         0.625 ( <sup>5</sup> / <sub>8</sub> ) mile           1 kilogram         1,000 grams
prime factor multiple common multiple	a factor that is prime a number in another number's times table multiples of two numbers that are the same	prime factors of 12 = 2, 3 multiples of 9 = 9, 18, 27, 36 common multiples of 4 and 6 = 12, 24	Y5/6 <u>2D shapes</u> <u>Name No. of sides</u> quadrilateral 4	September30October31November30December311 year = 365 days (≈ 52 weeksLeap year = 366 days	1 litre       1,000 millilitres         Co-ordinates       Read co-ordinates along the x axis (horizontal) first, then the y axis (vertical). E.g. (3,-4) = go right 3, down 4.
square numbers cube numbers	the result when a number has been multiplied by itsel the result when a number has been multiplied by itself 3 time	8 (2 <sup>3</sup> = 2x2x2)	pentagon5hexagon6heptagon7octagon8nonagon9	<u>3D shapes</u>	
$     \frac{\text{Fractions, dec}}{\frac{1}{100} 0.01} $	imals & percentages           1%         ÷ 100           5%         ÷ 20	Anglesfull turn360°half turn180°	decagon10polygon = shape with straight sidesregular = all sides/angles the sameirregular = sides/angles not same	square- pyrat faces 5 (the flat sides)	mid based pyramid prism
$\begin{array}{ccc} {}^{1}\!/_{10} & 0.1 \\ {}^{1}\!/_{5} & 0.2 \\ {}^{1}\!\!/_{4} & 0.25 \end{array}$	10%         ÷ 10           20%         ÷ 5           25%         ÷ 4	right angle90°acute angle< 90°	Types of triangle	edges8vertices(the points where the edges meet)	
½         0.5           ¾         0.75           1         1	75% ÷ 4, x3	angles on a straight line180°angles inside a triangle180°ngles inside a quadrilateral360°	scalene equilateral isosceles Types of quadrilateral	Volume = the amount of space cm <sup>3</sup> or m <sup>3</sup>	e a 3D shape takes up, usually measured in
Shape vocabulary         perimeter = measure around the edge (circumference = perimeter of a circle)         horizontal line       parallel lines			parallelogram trapezium rhombus AREA is the amount of space inside a 2D shape usually measured in cm <sup>2</sup> or m <sup>2</sup> .	LENGTH	
vertical line perpendicular lines (at right angles)			Area of a triangle = (base x height) ÷ 2 Area of a parallelogram = base x height (Height = perpendicular height)	The mean The mean is a type of average. To find the mean, add up all the numbers and divide by how many there are. E.g. the mean of 4, 5, 3, 4 is 4. (Because 4 + 5 + 3 + 4 = 16, and 16 ÷ 4 = 4)	

made by Sophie Bartlett @\_MissieBee