	Multiplication and div	ision v	vocabulary		Г	Ro	man	numera	ls	Г			Measurem
Term	Definition		Example			1		100	с	L	Month	Days	;
	a number that divides ex	kactly	factors of 12 =			5	v	500	D	L.	January	31	
factor	into another number	•	1, 2, 3, 4, 6, 12			10	x	1000	м	L.	February	28 (2	9 in leap year)
common	factors of two numbers	that	common factors of			50	Ĺ	1000	1.11	L.	March	31	
factor	are the same		12 = 1, 2, 4			50	L.			L.	April	30	
prime	a number with only 2 fac	ctors:		4.0				N / A T		L.	May	31	
number	1 and itself		2, 3, 5, 7, 11, 13, 17,	19		YEA	K 6	MAT	HS	L	June	30	
composite	a number with more th	nan	12				$\cap \Lambda$	LED	26	L.	July	31	
number	two factors		(it has 6 factors)					JE	L	August	31	
prime factor	a factor that is prime	0	prime factors of 1	2 =			۶G۵	NISE	R	L.	September	30	
prime factor		e	2, 3						.1.		October	31	
multiple	a number in another	r	multiples of 9 =				2D s	hapes			November	30	
mattipic	number's times table		9, 18, 27, 36				<u> </u>	napes			December	31	
common	multiples of two numb	ers	common multiples			Na	me	No. o	of sides		1 year = 365 d	lays (≈	52 weeks)
multiple	that are the same		and 6 = 12, 24			quadr	ilatera		4		Leap year = 36	56 day	'S
square	the result when a num		$25(5^2 = 5x5)$			pent	agon		5	H			
numbers	has been multiplied by i		$49(7^2 = 7x7)$			hexa	agon		6			Γ	\wedge
cube	the result when a number		$8(2^3 = 2x2x2)$			hept	agon		7				
numbers	been multiplied by itself 3 t	times	27 (3 ³ = 3x3x3)			octa	agon		8				
					1	non	agon		9		<u>3D shape</u>	<u>s</u>	
Fractions, de	cimals & percentages		<u>Angles</u>				agon		.0				square-ba
			6 H .				•		ight sides				pyramic
¹ / ₁₀₀ 0.01			full turn	360°		0		, 0	the same		faces		-
¹ / ₂₀ 0.05			half turn	180°		irregular	= side	s/angles r	1ot same		(the flat side	s)	5
¹ / ₁₀ 0.1	10% ÷10		right angle	90°		1	Types o	of triangle			edges		8
¹ / ₅ 0.2	20% ÷ 5		acute angle	< 90°				٠ ١	Λ		vertices		
1/4 0.25	5 25% ÷4		obtuse angle	> 90°				\land			(the points wh		5
1/2 0.5	50% ÷ 2		reflex angle	>180°							the edges me		
34 0.75	5 75% ÷ 4, x3		gles on a straight line	180°		scalene	e equ	llateral	isosceles		Volume = the a	amoui	nt of space a
1 1	100% ÷1		gles inside a triangle es inside a quadrilateral	180°		Тур	es of q	uadrilate	ral		cm ³ or m ³		
	100/0 1 1	angle	es inside a quadrilateral	360°			-,/		$\overline{}$				
					1	/							
	<u>Shape voca</u>		-		pa	arallelog	ram tr	apezium	rhombus				
perimeter = m	neasure around the edge (ci	rcumfe	erence = perimeter of	a circle)			٨	REA			4		
horizontal line	parallel lines				is	the amou			a 2D shape			LENGT	4
-			radius	\backslash				red in cm ²		F			
			1.05		1	A	rea of	a triangle	•				Th

diameter (= radius x 2)

vertical line

perpendicular lines

(at right angles)

= (base x height) ÷ 2

Area of a parallelogram

= base x height

(Height = nernendicular height)

surement conversions

1 cent imetre	10mm				
1 metre	100cm				
1 kilo metre	1,000 m				
1 mile	1.6 km				
1 kilometre	0.625 (⁵ / ₈) mile				
1 kilo gram	1,000 grams				
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.

<u>3D shapes</u>	square-based pyramid	triangular- based pyramid	triangular prism
faces (the flat sides)	5	4	5
edges	8	6	9
vertices (the points where the edges meet)	5	4	6

pace a 3D shape takes up, usually measured in



Volume of a cuboid = length x width x 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 $16 \div 4 = 4$)

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