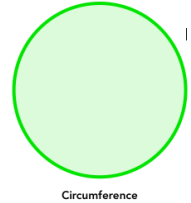


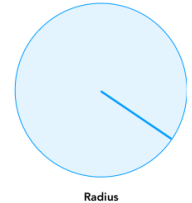
Square Numbers	
1 ²	1
2 ²	4
3 ²	9
4 ²	16
5 ²	25
6 ²	36
7 ²	49
8 ²	64
9 ²	81
10 ²	100
11 ²	121
12 ²	144
13 ²	169

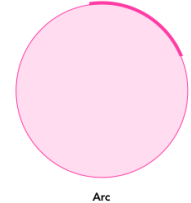
Square Roots	
√1	1
√4	2
√9	3
√16	4
√25	5
√36	6
√49	7
√64	8
√81	9
√100	10
√121	11
√144	12
√169	13

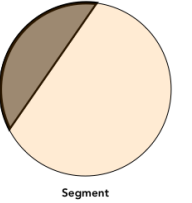
Number Bonds to 1									
0	1		0.17	0.83		0.34	0.66		
0.01	0.99		0.18	0.82		0.35	0.65		
0.02	0.98		0.19	0.81		0.36	0.64		
0.03	0.97		0.2	0.8		0.37	0.63		
0.04	0.96		0.21	0.79		0.38	0.62		
0.05	0.95		0.22	0.78		0.39	0.61		
0.06	0.94		0.23	0.77		0.4	0.6		
0.07	0.93		0.24	0.76		0.41	0.59		
0.08	0.92		0.25	0.75		0.42	0.58		
0.09	0.91		0.26	0.74		0.43	0.57		
0.1	0.9		0.27	0.73		0.44	0.56		
0.11	0.89		0.28	0.72		0.45	0.55		
0.12	0.88		0.29	0.71		0.46	0.54		
0.13	0.87		0.3	0.7		0.47	0.53		
0.14	0.86		0.31	0.69		0.48	0.52		
0.15	0.85		0.32	0.68		0.49	0.51		
0.16	0.84		0.33	0.67		0.5	0.5		

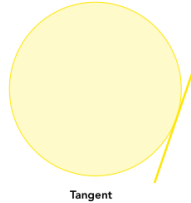
Circle Geometry	
Radius	a straight line from the centre to the circumference
Chord	a straight line joining two points on the circumference
Diameter	a chord which passes through the centre
Circumference	the distance once around the circle
Arc	an incomplete section of the circumference
Tangent	a line which passes a circle and just touches the circumference
Segment	a section made by a chord
Sector	a section made by two radii

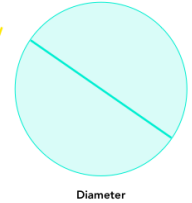

Circumference

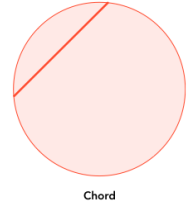

Radius

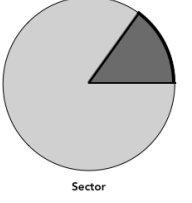

Arc


Segment


Tangent


Diameter


Chord


Sector

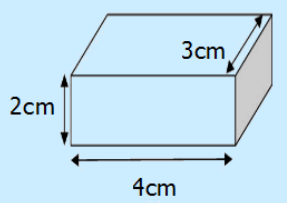
	Prime or Composite?	Factors
1	Neither	1
2	Prime	1, 2
3	Prime	1, 3
4	Composite	1, 2, 4
5	Prime	1, 5
6	Composite	1, 2, 3, 6
7	Prime	1, 7
8	Composite	1, 2, 4, 8
9	Composite	1, 3, 9
10	Composite	1, 2, 4, 10
11	Prime	1, 11
12	Composite	1, 2, 3, 4, 6, 12
13	Prime	1, 13
14	Composite	1, 2, 7, 14
15	Composite	1, 3, 5, 15
16	Composite	1, 2, 4, 8, 16
17	Prime	1, 17
18	Composite	1, 2, 3, 6, 9, 18
19	Prime	1, 19
20	Composite	1, 2, 4, 5, 10, 20

Cube Numbers	
1 ³	1
2 ³	8
3 ³	27
4 ³	64
5 ³	125

Cube Roots	
³ √1	1
³ √8	2
³ √27	3
³ √64	4
³ √125	5

Prime Numbers		
2	23	59
3	29	61
5	31	67
7	37	71
11	41	73
13	43	79
17	47	83
19	53	89

Number	
0	a number with no value that comes between the positive and negative numbers
Positive number	a number more than 0
Negative number	a number less than 0
Prime Number	A number with exactly two factors, itself and one.
Composite Number	A number with more than two factors.

Geometry	
Volume	 <p>The three dimensional space that is found inside a shape or container, measure in cubed units.</p> <p>Volume = length x height x depth Volume = 24 cm³</p>

Place Value Columns										
millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	.	tenths	hundredths	thousandths
1 x 10 ⁶	1 x 10 ⁵	1 x 10 ⁴	1 x 10 ³	1 x 10 ²	1 x 10 ¹	1 x 10 ⁰	.	1 x 10 ⁻¹	1 x 10 ⁻²	1 x 10 ⁻³
1,000,000	100,000	10,000	1000	100	10	1	.	0.1	0.01	0.001

Statistics	
Mean	the sum of all data points divided by the number of data points

Factors and Multiples	
factors	numbers we multiply together to get other numbers
multiple	the result of multiplying a number by an integer
HCF	Highest Common Factor - the largest factor shared by two or more numbers
LCM	Lowest Common Multiple - the smallest number that is a multiple of two or more numbers.