

Maths

Equivalent FDP

	Fraction	Decimal	%
1	$\frac{1}{10}$	0.1	10%
2	$\frac{1}{5}$	0.2	20%
3	$\frac{1}{4}$	0.25	25%
4	$\frac{1}{3}$	0.3	33.3%
5	$\frac{1}{2}$	0.5	50%
6	$\frac{3}{4}$	0.75	75%

Units of time

7	1 minute	60 seconds
8	1 hour	60 minutes
9	1 hour	3600 seconds

Units of length

10	1 cm	10 mm
11	1 m	100 cm
12	1 km	1000 m

Units of weight

13	1 g	1000 mg
14	1 kg	1000 g
15	1 tonne	1000 kg

Units of capacity

16	1 litre	1000 ml
17	1 litre	1000 cm ³

Names of polygons

	Sides	Name
18	4	Quadrilateral
19	5	Pentagon
20	6	Hexagon
21	7	Heptagon
22	8	Octagon
23	9	Nonagon
24	10	Decagon
25	11	Hendecagon
26	12	Dodecagon

First 12 square numbers

27	1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144
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First 5 cube numbers

28	1, 8, 27, 64, 125
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First 10 prime numbers

29	2, 3, 5, 7, 11, 13, 17, 19, 23, 29...
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Word

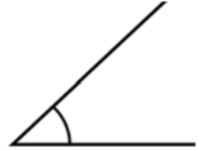
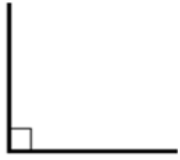
Definition

30	Sum	Add up
31	Product	Multiply
32	Integer	Whole number
33	Ascending	Smallest to largest
34	Descending	Largest to smallest

Type of angle

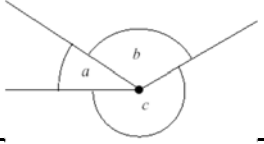
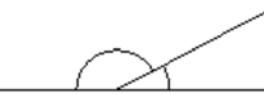
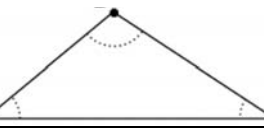
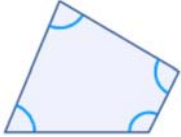
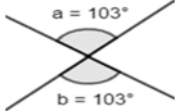
Definition

Example

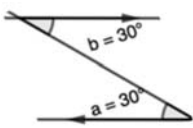
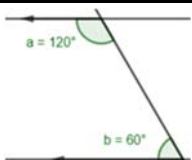
35	Acute angle	Between 0° and 90°	
36	Right angle	90°	
37	Obtuse angle	Between 90° and 180°	
38	Reflex angle	Between 180° and 360°	

Maths

Angle Rules

39.		Angles on a straight line add up to 180°
40.		Angles around a point add up to 360°
41.		Angles in a triangle add up to 180°
42.		Angles in a quadrilateral add up to 360°
43.		Vertically opposite angles are equal

Angles in parallel lines

44.		Alternate angles are equal.
45.		Corresponding angles are equal
46.		Co-Interior angles add up to 180°

Area

49.	Perpendicular	Lines that meet at 90°
50.	Area of a rectangle	$A = \text{base} \times \text{height}$
51.	Area of a triangle	$A = \text{Base} \times \text{perpendicular height}$
52.	Area of a parallelo-	Base x perpendicular height

Circles

47.	Area of a Circle	$A = \pi \times r^2$
48.	Circumference of a circle	$C = \pi \times d$

Polygons

53.	A polygon with equal sides and equal angles	Regular polygon
54.	Formula to find the sum of interior angles of a polygon	$180 \times (n-2)$ where n is the number of sides
55.	Sum of exterior angles of any polygon	360°

