

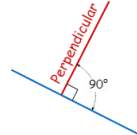

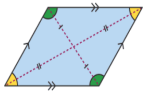
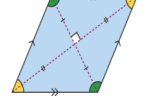
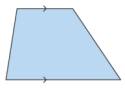


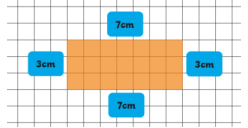
Horizontal 	Vertical 
Perpendicular At an angle of 90 degrees 	Parallel Always having the same distance between two lines 

Quadrilaterals	Parallelogram 	Rhombus 	Trapezium 
	Two pairs of parallel sides	All sides have the same length and are parallel	One pair of parallel sides

10mm = 1cm
100cm = 1m
1,000m = 1km
1,000g = 1kg
1,000ml = 1l

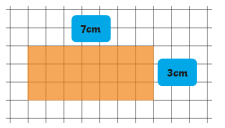
Imperial	Metric
1 inch	2.5cm
1cm	0.39 inch
1 pint	0.57 litres
1 litre	1.75 pints
1 yard	0.91m
1m	1.09 yards
1 lb (pound)	0.45kg
1kg	2.2lb

Perimeter



Perimeter is the total length of the outside of a shape


Area



The measurement of a surface. Area of a square or rectangle = length x width

1/100	0.01	1%	÷ 100
1/20	0.05	5%	÷ 20
1/10	0.1	10%	÷ 10
1/5	0.2	20%	÷ 5
1/4	0.25	25%	÷ 4
1/2	0.5	50%	÷ 2
3/4	0.75	75%	÷ 4, x3
1	1	100%	÷ 1

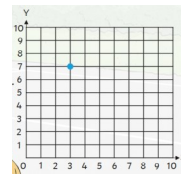
TEAM 5 MATHS
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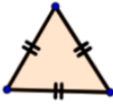

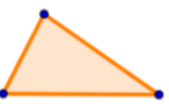
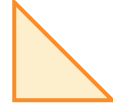
Coordinates

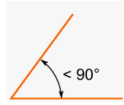
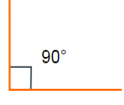
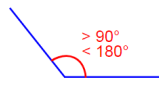
Describing position on a grid using X and Y axis



(3,7) X axis first and then the Y axis

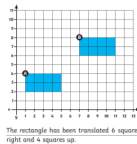
Square numbers	Cube Numbers
The product of a number multiplied by itself	The product of a number multiplied by itself twice
$1^2 = 1$	$1^3 = 1$
$2^2 = 4$	$2^3 = 8$
$3^2 = 9$	$3^3 = 27$
$4^2 = 16$	$4^3 = 64$
$5^2 = 25$	$5^3 = 125$
$6^2 = 36$	
$7^2 = 49$	
$8^2 = 64$	
$9^2 = 81$	
$10^2 = 100$	
$11^2 = 121$	
$12^2 = 144$	
	Prime Numbers A number with exactly two factors, one and itself 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31...

Triangles	Equilateral Triangle 	Isosceles Triangle 	Scalene Triangle 	Right angled triangle 
	3 equal sides and 3 equal angles of 60°	2 equal sides and 2 equal angles.	No equal sides and no equal angles	One of the angles is a right angle (90°)

Acute Angle 	Right Angle 	Obtuse Angle 	<p>Full turn = 360°</p> <p>Half turn = 180°</p> <p>Angles inside of a triangle = 180°</p> <p>Angles inside of a quadrilateral = 360°</p> <p>Straight line angle = 180°</p>
Less than 90°	Equal to 90°	More than 90° but less than 180°	

Translation

Describe movements between position units number and left/right, up/down



The rectangle has been translated 6 squares right and 4 squares up.