

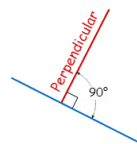
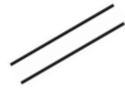
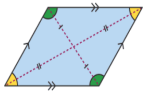
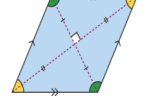
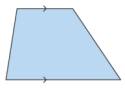


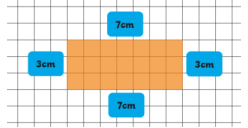
Horizontal 	Vertical 
Perpendicular At an angle of 90 degrees 	Parallel Always having the same distance between two lines 

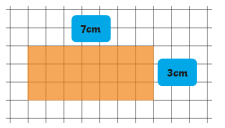
Quadrilaterals	Parallelogram 	Rhombus 	Trapezium 
	Two pairs of parallel sides	All sides have the same length and are parallel	One pair of parallel sides

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

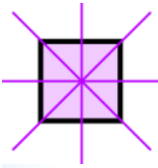
Month	Days
January	31
February	28 (29 in leap year)
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

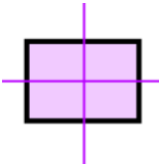
1 year = 365 days (≈ 52 weeks)
Leap year = 366 days

Perimeter

Perimeter is the total length of the outside of a shape


Area

The measurement of a surface

Symmetry
When two or more parts are identical after a flip

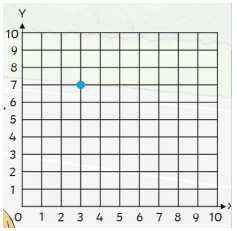

A square has 4 lines of symmetry


A rectangle has 2 lines of symmetry

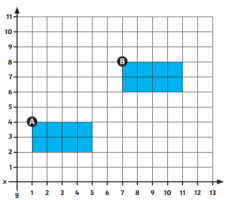
TEAM 4 MATHS
KNOWLEDGE ORGANISER

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Coordinates
Describing position on a grid using X and Y axis

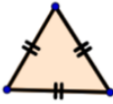

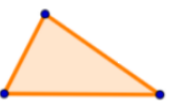
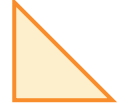


Translation
Describe movements between position units number and left/right, up/down

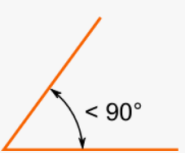
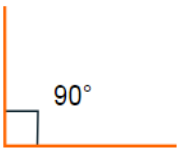
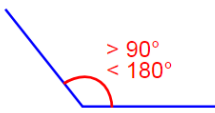


The rectangle has been translated 6 squares right and 4 squares up.

12am	00:00	12pm	12:00
1am	01:00	1pm	13:00
2am	02:00	2pm	14:00
3am	03:00	3pm	15:00
4am	04:00	4pm	16:00
5am	05:00	5pm	17:00
6am	06:00	6pm	18:00
7am	07:00	7pm	19:00
8am	08:00	8pm	20:00
9am	09:00	9pm	21:00
10am	10:00	10pm	22:00
11am	11:00	11pm	23:00

Triangles	Equilateral Triangle  3 equal sides and 3 equal angles of 60°	Isosceles Triangle  2 equal sides and 2 equal angles.	Scalene Triangle  No equal sides and no equal angles	Right angled triangle  One of the angles is a right angle (90°)
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Roman Numerals	
I	1
V	5
X	10
L	50
C	100

Acute Angle  Less than 90°	Right Angle  Equal to 90°	Obtuse Angle  More than 90° but less than 180°
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