








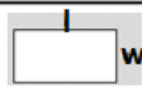
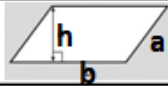
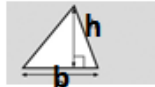
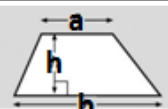





1. Angles

	Angles on a straight line add up to 180°
	Angles around a point add to 360°
	Vertically opposite angles are equal
	Angles in a triangle add up to 180°
	Angles in a quadrilateral add up to 360°
	Base angles in an isosceles triangle are equal
	Corresponding angles are equal
	Alternate angles are equal
	Co-interior angles add up to 180°

2. Area

	Rectangle	$l \times w$
	Parallelogram	$b \times h$
	Triangle	$\frac{b \times h}{2}$
	Trapezium	$\frac{1}{2}(a + b) \times h$

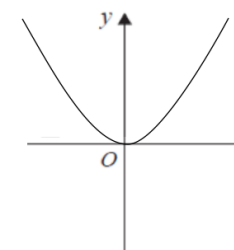
3. Circle Definitions

Area of a circle	πr^2
Circumference of a circle	πd or $2\pi r$
	Diameter
	Radius
	Circumference

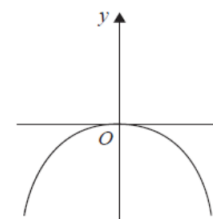
4. Angles in Polygons

Sum of interior angles	$(n-2) \times 180$
Each interior angle in regular polygon	$\frac{(n-2) \times 180}{n}$
Sum of exterior angles	360°
Each exterior angle in regular polygon	$\frac{360^\circ}{n}$
Number of sides in a regular polygon	$\frac{360}{\text{exterior angle}}$
Interior + exterior angle	180°

5. Quadratic graphs (Higher Only)



$$y = x^2$$



$$y = -x^2$$