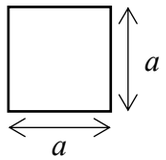
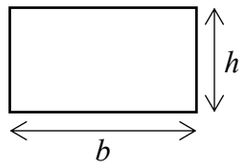
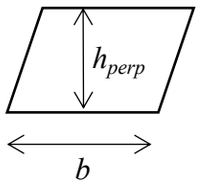
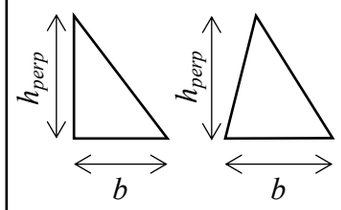
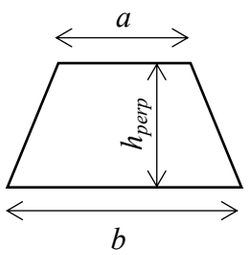
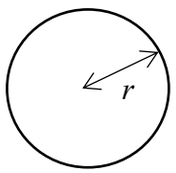
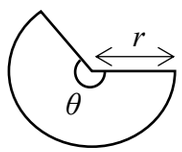
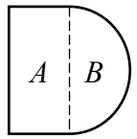
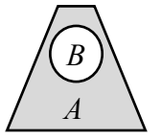
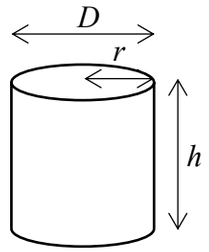
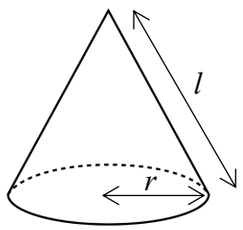
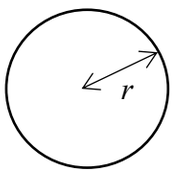
Area

Shape	Dimensions	Area formula
Square		a^2
Rectangle		bh
Parallelogram		bh_{perp}
Triangle		$\frac{bh_{perp}}{2}$
Trapezium		$\frac{(a+b)h_{perp}}{2}$
Circle		πr^2
Sector		$\frac{\theta}{360}\pi r^2$

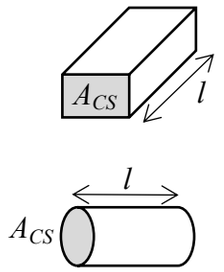
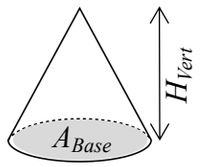
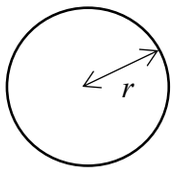
Area

Shape	Dimensions		Area formula
Compound shape	Strategy 1 Split into shapes 	Strategy 2 Shaded area 	Strategy 1 Split into shapes $A_{area} + B_{area}$ Strategy 2 Shaded area $A_{area} - B_{area}$

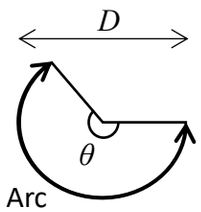
Surface Area

Shape	Dimensions	Surface area formula
General idea for all shapes		Calculate the area of each face on the shape. Add the up all the areas
Cylinders		$2\pi r^2 + \pi Dh$
Cones		$\pi r^2 + \pi rl$
Spheres		$4\pi r^2$

Volume

Shape	Dimensions	Volume formula
Prisms		$A_{CS} \times l$
Cones and pyramids		$\frac{A_{Base} \times H_{Vert}}{3}$
Spheres		$\frac{4}{3}\pi r^3$

Perimeter

Shape	Dimensions	Perimeter formula
General idea for all shapes		Add up all the side lengths around the shape
Arcs		$\frac{\theta}{360}\pi D$