Area

Area of a parallelogram

$A = b \times h$, where b is the base, h is the height

Area of a triangle

$A = \frac{1}{2}(b \times h)$, where b is the base, h is the height

Area of a trapezium

$A = \frac{1}{2}(a+b)h$, where a and b are the parallel sides, h is the height

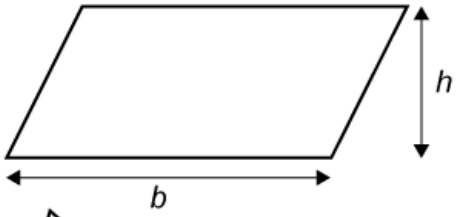
Area of a circle

$A = \pi r^2$, where r is the radius

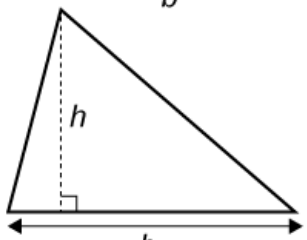
Cicumference of a circle

$C = 2\pi r$, where r is the radius

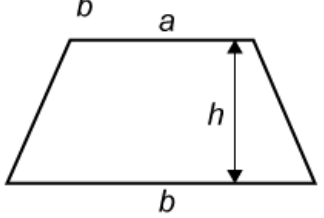
Parallelogram



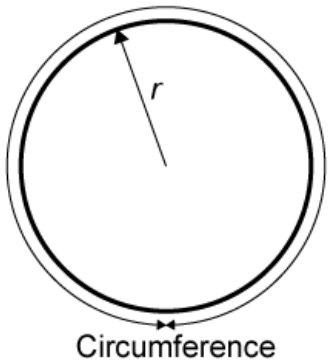
Triangle



Trapezium



Circle

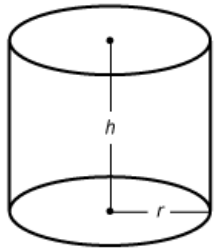


Surface area and volume

Area of the curved surface of a cylinder
$A = 2\pi rh$, where r is the radius, h is the height

Volume of a cylinder
$V = \pi r^2 h$, where r is the radius, h is the height

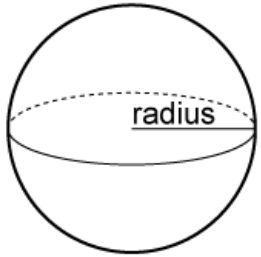
Cylinder



Surface area of a sphere
$A = 4\pi r^2$, where r is the radius

Volume of a sphere
$V = \frac{4}{3}\pi r^3$, where r is the radius

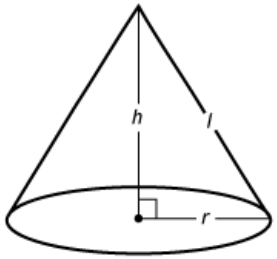
Sphere



Area of the curved surface of a cone
$A = \pi rl$, where r is the radius, l is the slant height

Volume of a cone
$V = \frac{1}{3}\pi r^2 h$, where r is the radius, h is the vertical height

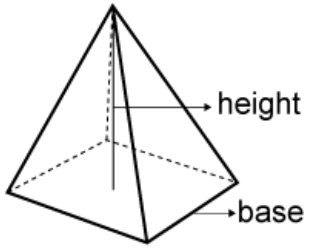
Cone



Volume of a pyramid

$V = \frac{1}{3}Ah$, where A is the area of the base, h is the vertical height

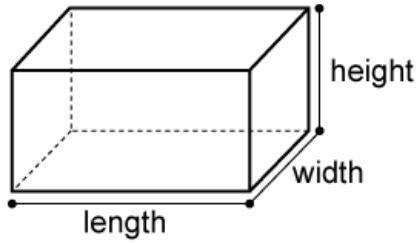
Pyramid



Volume of a cuboid

$V = l \times w \times h$, where l is the length, w is the width, h is the height

Cuboid



Volume of a prism

$V = Ah$, where A is the area of cross-section, h is the height

Prism