Cheatography

Math Equations Cheat Sheet

by Glory (gloryo) via cheatography.com/65951/cs/16510/

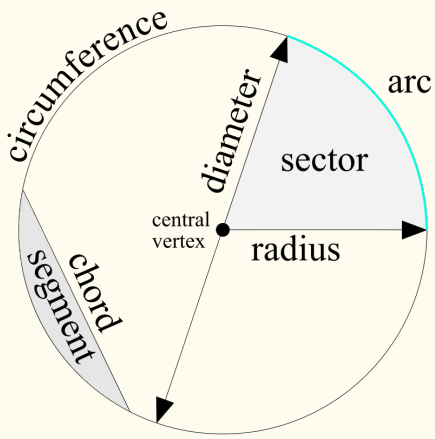
Circles

πd	Circumference 1
$2\pi r$	Circumference 2
πr^2	Area
angle/360 x $2\pi r$	Arc Length
angle/360 x πr^2	Area of Sector
(angle/360 x πr^2) - (1/2 x ab x sin)	Area of Segment
$2\pi r^2+2\pi rh$	Surface Area of Cylinder

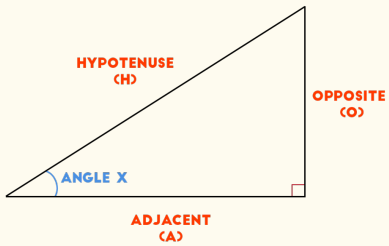
Area/Volume of Shapes

A=bh	Parallelogram
A=a+b/2xh	Trapezium
$V=s^3$	Cube
V=LWH	Cuboid
V=Ah	Any Prisms

Labelled Circle



SOHCAHTOA



Triangles

$c^2=a^2+b^2$	Pythagoras
A= 1/2 bh	Area of Triangle
sin*x*= Opposite/Hypotenuse	**SOH**
cos*x*= Adjacent/Hypotenuse	**CAH**
tan*x*= Opposite/Adjacent	**TOA**

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