Area of a Circle

$$
A=\pi r^{2}
$$

Area of a Circle (when given the Circumference)

$$
A=\frac{c^{2}}{4 \pi}
$$

## Circumference (when given $C=2 \pi r$ radius)

Circumference (when given $C=\pi d$ diameter)

Volume of a Cube $\quad V=s^{3} ; s=$ given side length
Volume of a Rectangular $\quad V=1 \times w \times h$
Prism
Volume of a Triangular Prism $\quad \mathrm{V}=\frac{1}{2} b \mathrm{~h} \ell$;
$b=$ base of triangle
$h=$ height of triangle
$\ell=$ height of Rectangle

Surface Area of a Cube
$S A=6 s^{2} ; s=$ given side length
Surface Area of a
$S A=2 L W+2 L H+2 W H$
Rectangular Prism
Surface Area of a Triangular $S A=b h+p \ell$;
Prism
$b=$ base of triangle
$h=$ height of triangle
$\ell=$ height of Rectangle
$\mathrm{p}=$ perimeter of the triangle(add the 3 sides up).

