**Quadratics**

**Ax2 + Bx + C = 0**$$y=a(x-p)^{2}+q)$$

 **x =** $\frac{- b \pm \sqrt{b^{2}-4ac} }{2a}$

**Statistics**

**z =** $\frac{x- μ}{σ}$

$$μ\pm 1.96σ$$

**Trigonometry**

$\frac{sinA}{a}$ **=** $\frac{sinB}{b}$ **=** $\frac{sinC}{c}$

$$c^{2}=a^{2}+b^{2}- 2ab∙cosC$$

**Linear Functions & Equations**

**m =** $\frac{y\_{2} – y\_{1}}{x\_{2} – x\_{1}}$$$y – y\_{1}=m(x\_{}– x\_{1})$$

**y = mx + b**

**Ax + By + C = 0**

**Measurement**

**Surface Area of Right Cone: SA =**$ πrs+πr^{2}$

**Surface Area of a Sphere: SA = 4**$ πr^{2}$

**Surface Area of a Cylinder: SA =** $2πr^{2}$ **+ 2**$πrh$

**Volume of a Right Pyramid: V = 1/3 B**$h$

**Volume of a Right Cylinder: V =** $πr^{2}$***h***

**Volume of a Right Cone: V = 1/3** $πr^{2}h$

**Volume of a Sphere: V = 4/3** $πr^{3}$