

*** Elementary Number**

$$0, 1, i, e, \pi$$

*** Elementary Function**

Function Type	Differentiation	Inverse	Differentiation
Power: x^2, x^n	$2x^1, nx^{n-1}$	Root: \sqrt{x}	$\frac{1}{2\sqrt{x}}$
Exponential: e^x	e^x	Log: $\ln x$	$\frac{1}{x}$
Trigonometric: $\cos(x), \sin(x)$	$-\sin(x), \cos(x)$	Inverse Trigonometric: $\arccos(x), \arcsin(x)$...

*** Euler Equation**

$$e^{i\theta} = \cos(\theta) + i \sin(\theta)$$

$$e^{i\pi} = \cos(\pi) + i \sin(\pi)$$

$$e^{i\pi} + 1 = 0$$

*** Integration of Power Function**

$$\int x^n dx = \frac{1}{n+1} x^{n+1} + C$$

*** Acceleration**

$$v' = v_0 + at$$

$$s' = s_0 + v_0 t + \frac{1}{2} at^2$$