

1. Simple equation:  $y = ax^2 + bx + c$

2. Newton third law:

$$F_1 = -F_2$$

3. Superscript:  $y = x^{x^{\log(x)}}$

4. Subscript:  $y = a_{1m}x^2 + b_{1m}x + c_{1m}$

5. Greeks Letter:  $\alpha, \beta, \gamma, \delta, \epsilon, \zeta, \eta, \theta, \lambda, \pi, \rho, \sigma, \tau, \phi, \varphi, \psi, \omega, \Delta, \Theta, \Pi, \Sigma, \Phi, \Psi, \Omega, \infty$

6. Triange functions:

$$y = \sin x$$

$$y = \cos x$$

$$y = \tan x$$

$$y = \cot x$$

$$y = \sec x$$

7. Log functions:  $y = \log_3 x$  or  $y = \ln x$

8. Square roots:  $y = \sqrt{ax + b}$  and  $x = \sqrt[4]{ay + b}$

\*. Plus-minus:  $\pm$

9. Second order solution:

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

10. Dollar: Your price is: \$40.41

11. Second bucket: Set,  $s = \{12, 23, 48\}$

12. nth sum of the series:  $S_n = \frac{n}{2}\{a + (n - 1)d\}$

13. Full bucket:  $x \left( \frac{pq+m}{xy+1} \right)$

14. Full second bucket:  $(xy + 1) \left\{ \frac{2x+3}{3y+d4} \right\}$

15. Absoluete value:  $x = \left| \frac{pq + m}{xy + n} \right|$

16. Absoluete value of calculus:  $\left| \frac{dy}{dx} \right|_{x=1}$

17. Calculas value:  $\frac{dy}{dx} \Big|_{x=1}$