

A fraction is:

$$\frac{x^2 + y^2}{1 + z^2}$$

Cosine and sine:

$$\cos \theta$$
$$\sin \frac{x^2}{1 + x^2}$$

A logarithm is:

$$\log \left(\frac{x_2}{z} \right)$$

An exponential is either:

$$\exp i(kx - \omega t)$$

or

$$e^{i(kx - \omega t)}$$