

This is a test1.

$$E = mc^2 \tag{1}$$

where c is the velocity of light

$$c = 299,792,458 \text{ m/s} \tag{2}$$

One more example is

$$\frac{\pi}{2} = \left(\int_0^\infty \frac{\sin x}{\sqrt{x}} dx \right)^2 = \sum_{k=0}^\infty \frac{(2k)!}{2^{2k}(k!)^2} \frac{1}{2k+1} = \prod_{k=1}^\infty \frac{4k^2}{4k^2-1} \tag{3}$$