$$x^n + y^n = z^n$$

, $E = mc^2$, $\int_a^b x^2\,dx$, $\iiiint_V \mu(t,u,v,w)\,dt\,du\,dv\,dw$, $\sum_{n=1}^{\infty} 2^{-n} = 1$, $\binom{n}{k} = \frac{n!}{k!(n-k)!}$,

$$a_0 + \cfrac{1}{a_1 + \cfrac{1}{a_2 + \cfrac{1}{a_3 + \cdots}}}$$

A 45° angle.

It is 17 °C outside. ®¿

$$\vec{\jmath}$$

$$\hat{\imath}$$

$$\{\sqrt{\frac{1}{2}}\}$$