Symboler:

```
> x,pi,Xi,sigma;
```

$$x,\ \pi,\ \Xi,\ \sigma$$

Subskript, superskript

```
> x^2,x[2];
```

$$x^2,\ x_2$$

Brøker, kvadratrod:

```
> (x+sqrt(x-x^2))/(2*x+x^3);
```

$$\frac{x+\sqrt{x-x^2}}{2\,x+x^3}$$

Standardfunktioner

```
> log(x),sin(x),tan(exp(x));
```

$$\ln(x),\ \sin(x),\ \tan(e^x)$$

Logiske operationer

```
> a=b,a<=b,a<>b;
```

$$a=b,\ a\le b,\ a\neq b$$

Integraler:

```
> Int(x^3,x=a..b),Int(1/sqrt(y),y=0..1);
```

$$\int_a^b x^3\,dx,\ \int_0^1 \frac{1}{\sqrt{y}}\,dy$$

Grænseovergang:

```
> Limit((cos(x)-1)/x^2,x=0);
```

$$\lim_{x\to 0}\frac{\cos(x)-1}{x^2}$$

Summer:

```
> Sum(n^3,n=1..1000);
```

$$\sum_{n=1}^{1000} n^3$$

Store parenteser:

```
> 1+(1/(1-x^2))^n,(Int(sin(x),x=1..sqrt(y)))^k;
```

$$1+(\frac{1}{1-x^2})^n,\ (\int_1^{\sqrt{y}}\sin(x)\,dx)^k$$