

```
REDUCE jaxmate V 0.5 (node REDUCE Server/MathJax -- type @help)
```

```
> df(x^n,x,3);
```

$$\frac{x^n \cdot n \cdot (n^2 - 3n + 2)}{x^3}$$

```
> @help
```

```
>
```

```
> (a+b)^5;
```

$$a^5 + 5 \cdot a^4 \cdot b + 10 \cdot a^3 \cdot b^2 + 10 \cdot a^2 \cdot b^3 + 5 \cdot a \cdot b^4 + b^5$$

```
> df(ws,a1,b,3);
```

```
0
```

```
> df(ws,a;;
```

```
df(ws,a$;
```

```
at line 1
```

```
***** Too few right parentheses
```

```
> df(ws,a;;)
```

```
df(ws,a$;
```

```
at line 1
```

```
***** Too few right parentheses
```

```
> df(ws,a;)
```

```
)$ df(ws,a;
```

```
at line 1
```

```
***** Too many right parentheses
```

```
> df(ws,a);
```

```
)$ df(ws,a);
```

```
at line 1
```

```
***** Too many right parentheses
```

```
> ws;
```

```
0
```

```
> @client-help
```

```
>
```

```
> p^p;
```

```
 $p^p$ 
```

```
> mat ((1,2,3))
```

```
> ;
```

```
(1 2 3)
```

```
> mat ((1,2,3),(u,v,w))
```

```
> ;
```

```
 $\begin{pmatrix} 1 & 2 & 3 \\ u & v & w \end{pmatrix}$ 
```

```
> define eqmode=lisp '(tex:eqmode) ;
```

```
> eqmode;
```

```
Declare tex operator ? (Y or N)
```