

$$C(a,b) := \frac{\frac{\Gamma(a+1)}{\Gamma(b+1)}}{\Gamma(a-b+1)} \qquad C(3 \cdot \pi, 4) = 157.819$$

```
bin(a,b) :=
| text := concat("combinat[binomial](", num2str(a), ",", num2str(b), ")")
| maple(parse(text))

bin(3·π, 4) = "combinat[binomial](3*π,4)"
bin(eval(3·π), 4) = 157.8192
```

This way make available the maple plugin's pre-process of the expressions a and b.

```
bin(a,b) :=
| text := concat("maple(combinat[binomial](", num2str(a), ",", num2str(b), ")")")
| str2num(text)
```

$$bin(3 \cdot \pi, 4) = 157.8192$$

$$binomial(3 \cdot \pi, 4) = 157.8192 \qquad \text{From Cephes Math library plugin}$$

description(binomial(■, ■)) = "(a,k) Binomial coefficient, a is real k must be a non neg.

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