

1) <expr>

$\langle \text{expr} \rangle + \langle \text{expr} \rangle$

$\langle \text{expr} \rangle + \langle \text{expr} \rangle^* \langle \text{expr} \rangle$

$\langle \text{expr} \rangle + \langle \text{expr} \rangle^* \langle \text{digit} \rangle \text{not} \rangle$

`<expr> + <expr> * <narr><digit><narr>`

`<expr> + <expr>** - <digit>(<mult>)`

$$\langle \text{exer} \rangle + (\text{exer})^k - \langle \text{oh} \rangle H > 7$$

$$\leq \exp(1) + (\exp(\beta))^k = \beta T$$

$$\langle \exp(\beta) \rangle = \langle \exp(\beta) \rangle^{\text{eff}}$$

$$(e^{x_1})^2 + 3^* = 0$$

$$\langle \sin^2 \theta_W \rangle + 2^k =$$

$$\frac{12 + 2^4 - 07}{12 + 2^4 - 07}$$

2) $\langle \text{Stmt} \rangle \Rightarrow \text{for } \langle \text{id} \rangle = \langle \text{expr} \rangle \text{ to } \langle \text{expr} \rangle \text{ do } \langle \text{stmt} \rangle$

~~for <id> = <expr> to <expr> do <stmt>~~ \Rightarrow for $x = <\text{expr}>$ to
 $<\text{expr}>$ to do $<\text{stmt}>$

for $x = \langle \text{int} \rangle$ to $\langle \text{expr} \rangle$ to do $\langle \text{stmt} \rangle$

$$F_{\text{ext}} x = - \langle \text{net} \rangle \rightarrow \langle \text{expr} \rangle \rightarrow d \langle \text{temp} \rangle$$

for $x \in -1 \langle \text{int} \rangle$ to clear to do (stmt)

for x = 1-(not) to (expr) to do (stmt)

for $x \in [-1, 1]$ (int) to (expr) do (expr)

for $x = -1 \cdot 1 - (\text{next})$ to (expr) to do (stmt)

for $x = -1 - 2 \cos(\pi)$ to Expr to do stmt

for $x = -12 < \text{int} >$ to do (expr) to do

for $x = -12$ to $\exp(2)$ to do (sigma)

for $x \in \{-2\}$ to `Count` to do `stmt`

for $x = -12$ to 10 to do CS(m)

for $x = 12$ to 10 to 0 do ~~sums~~

for x = -13 to 10 do <stmt1>; <stmt2>

$\langle \text{id} \rangle = \langle \text{expr} \rangle ; \langle \text{stmts} \rangle$

$\text{Ly} = (\text{expr}); \text{stmas}$

$y = 0$ pass

for $x = -12$ to 10 do $\{y = 0; \text{pass}\}$