

Inteligência Artificial — Soluções — Aula 8

1.

```
frase(frase(SN,SV)) --> sint_nominal(SN), sint_verbal(SV).
```

```
sint_nominal(sn(D,N)) --> determinante(D),nome(N).
```

```
sint_verbal(sv(V,SN)) --> verbo(V), sint_nominal(SN).
```

```
determinante(det(o)) --> [o].
```

```
nome(nome(gato)) --> [gato].
```

```
nome(nome(rato)) --> [rato].
```

```
verbo(verbo(comeu)) --> [comeu].
```

2. `expr(Z) --> term(X), [+], expr(Y), {Z is X+Y}.`

```
expr(Z) --> term(X), [-], expr(Y), {Z is X-Y}.
```

```
expr(Z) --> term(Z).
```

```
term(Z) --> num(X), [*], term(Y), {Z is X*Y}.
```

```
term(Z) --> num(X), [/], term(Y), {Z is X/Y}.
```

```
term(Z) --> num(Z).
```

```
num(C) --> [C], {C>=0,C=<9}.
```

3.

```
numb(X) --> dig(X).
```

```
numb(T) --> numb(X),dig(Y), {T is X*10+Y}.
```

```
dig(C) --> [C], {C>=0,C=<9}.
```