Types.

Maple	MuPAD
boolean	DOM_BOOL
float	DOM_FLOAT
indexed	"_index"
integer	DOM_INT
list	DOM_LIST
numeric	Type::RealNum
set	DOM_SET
symbol	DOM_IDENT
‘*‘	"_mult"
‘+‘	"_plus"
‘^‘	"_power"
‘=‘	"_equal"

Contrôle.

Maple	MuPAD
for i **from** 1 **to** 9 **by** 2 **do** … **od**	**for** i **from** 1 **to** 9 **step** 2 **do** … **end_for**
if … **then** … **fi**	**if** … **then** … **end_if**
proc() … **end**	**proc**() **begin** … **end_proc**
while … **do** … **od**	**while** … **do** … **end_while**
nargs	args(0)
args[i]	args(i)
ERROR	error
RETURN	return

Opérations syntaxiques.

Maple	MuPAD
'...'	hold(...)
convert(...,‘+‘)	_plus(op(...))
frontend	maprat
map(f,e,...)	map(e,f,...
idem pour select, zip	
member(x,f)	contains(f,x)
op(1,l)	op(l,1)
seq(f,i=a..b)	f $ i=a..b
subs(x=v,f)	subs(f,x=v)
subsop(2=e,f)	subsop(f,2=e)
type	testtype
whattype	type

Fonctions et constantes mathématiques.

Maple	MuPAD
arccos	acos
gamma	EULER
GAMMA	gamma
log	ln
Pi	PI

Opérations mathématiques.

Maple	MuPAD
dsolve(...,numeric)	numeric::odesolve
evala	voir Dom::AlgebraicExtension
evalb	bool
evalc	rectform
evalf	float
evalf(Int(...))	numeric::quadrature(...)
evalm	voir Dom::Matrix
dsolve	solve(ode(...))
fsolve(...)	float(hold(solve)(...))
isolve(eq)	solve(eq,x=Dom::Integer)
plot	plotfunc
rsolve	solve(rec(...))

Divers.

Maple	MuPAD
"[1]	%
‘toto‘	"toto"
a:='a'	a:=NIL
Digits	DIGITS
NULL	null()
Order	ORDER
screenwidth	TEXTWIDTH
with	export
cat(a, b)	a . b