Yet another example with cut

```
 1)  isa-mother(X) :- female(X),parent(X,_).
 2)  isa-father(X) :- male(X),parent(X,_).

 3)  isa(X) :- female(X),parent(X,_), !.

 4)  top(X) :- isa(X).

 5)  top2(X):- female(X), isa2(X).
 6)  isa2(X):- parent(X,_), !.

 7)  top3(X):- female(X), isa3(X).
 8)  isa3(X):- !, parent(X,_).


 9)  parent(fred,sue).
10)  parent(janet,sue).
11)  parent(fred,tim).
12)  parent(janet,tim).
13)  parent(diane,william).
14)  parent(cathy,kit).

15)  male(fred).
16)  female(janet).
17)  female(diane).
18)  female(cathy).
```

```
| ?- isa-mother(X).
X = janet;
X = janet;
X = diane;
X = cathy;
no

| ?- isa(X).
X = janet;
no

| ?- top(X).
X = janet;
no

| ?- top2(X).
X = janet;
X = diane;
X = cathy;
no

| ?- top3(X).
X = janet;
X = janet;
X = diane;
X = cathy;
no
```