



Prolog

- sword(Lancelot)
 - sword(Arthur)
 - shield(Lancelot)
 - shield(Arthur)
 - crown(Arthur)
 - king(X) :- sword(X), shield(X), crown(X)
 - ?- king(X)
- 



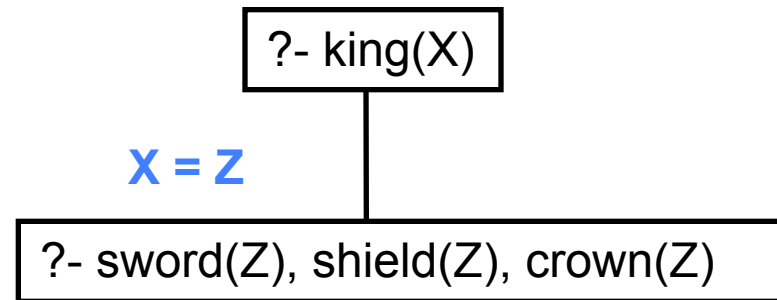
Prolog

?- king(X)



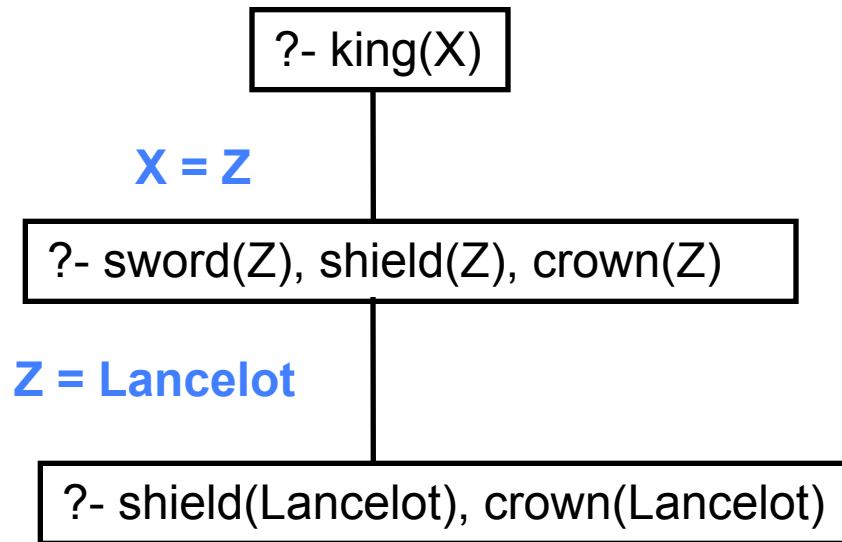


Prolog



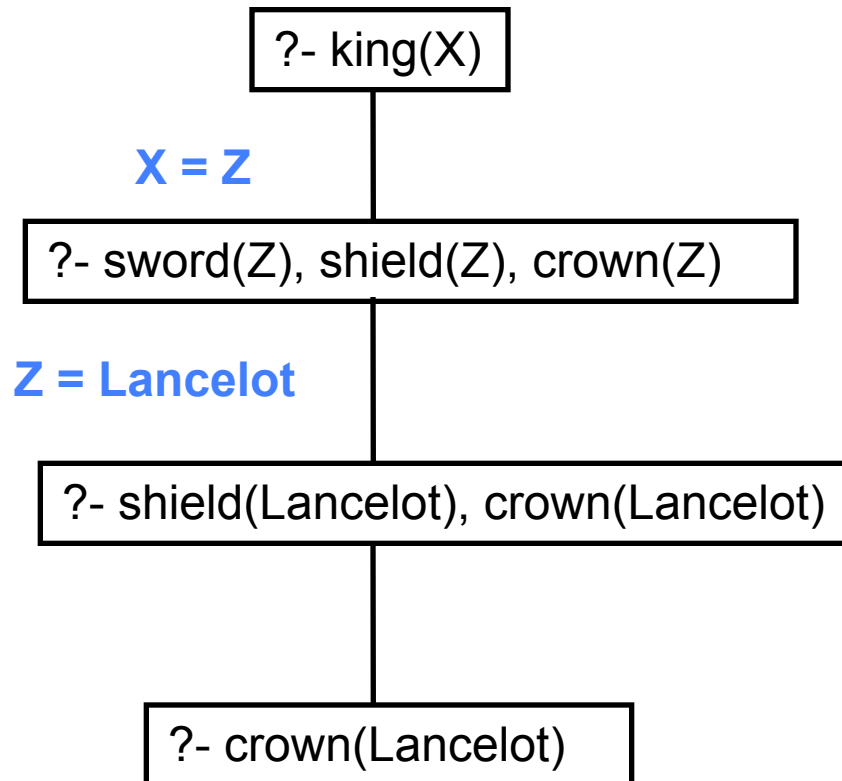


Prolog



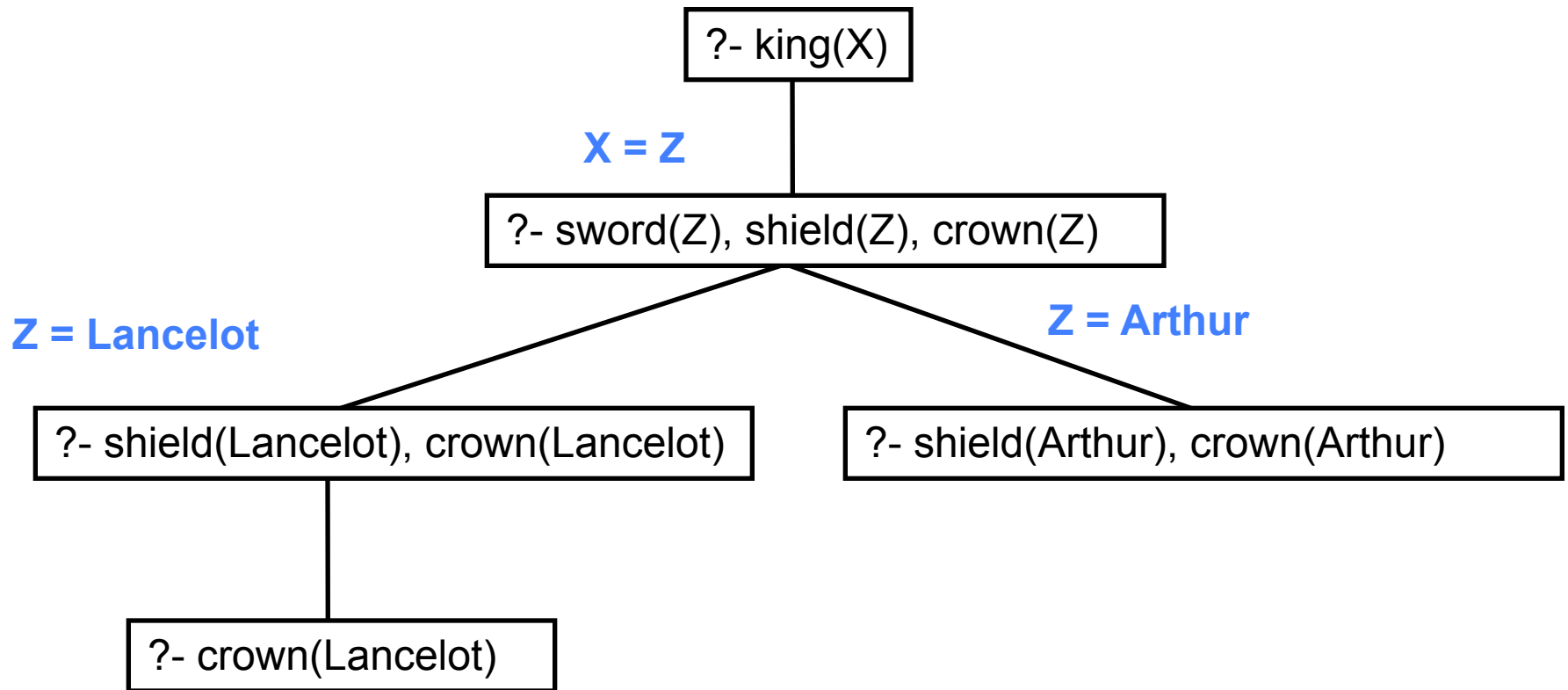


Prolog



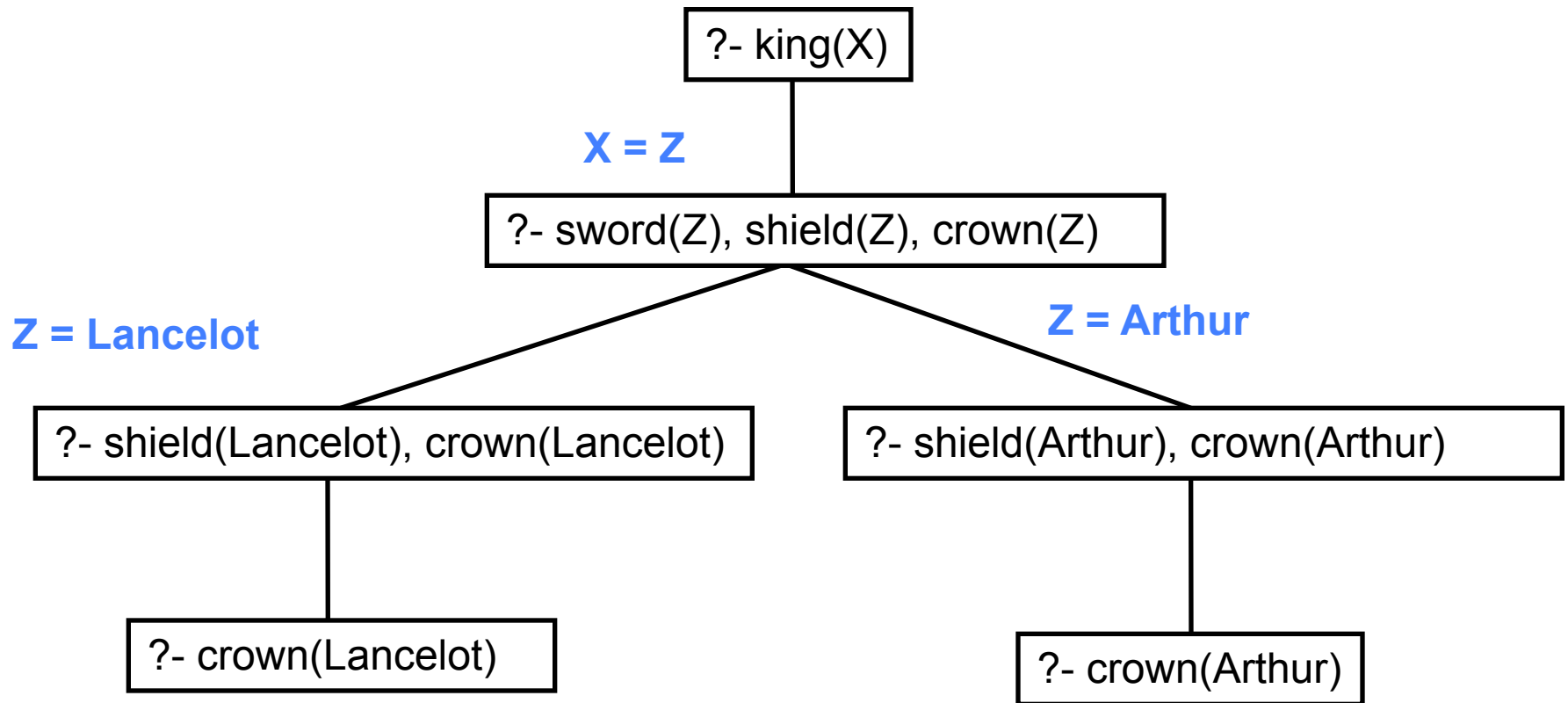


Prolog

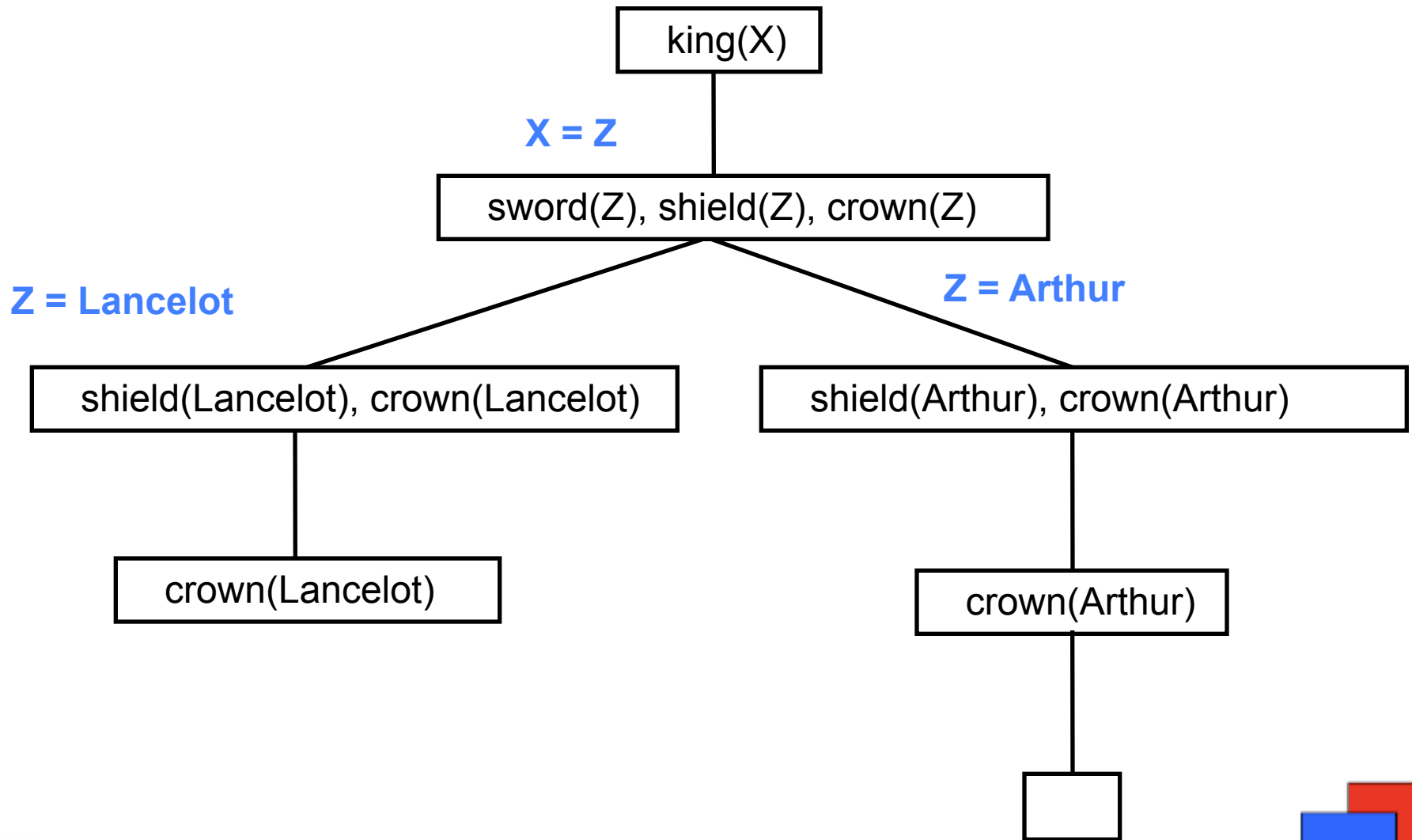




Prolog

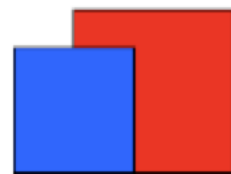


Prolog





But how much does a duck
weigh?





May we burn her?

- `witch(X):-burns(X),female(X).`
 - `burns(X):-wooden(X).`
 - `wooden(X):-floats(X).`
 - `floats(X):-sameweight(duck, X).`

 - `female(suspect1).`
 - `female(suspect2).`
 - `sameweight(duck,suspect1).`
- 