```prolog
1  weight(skis,6). weight(board, 8). weight(boots,4). weight(helmet,3).
2  0.16::pack(skis). 0.125::pack(board). 0.25::pack(boots). 0.33::pack(helmet).
3  inlimit(Limit) :- inlimit([skis,boots,board,helmet],Limit).
4  inlimit([],Limit) :- Limit>=1.
5  inlimit([I|R],Limit) :- pack(I), weight(I,W), L is Limit-W, inlimit(R,L).
6  inlimit([I|R],Limit) :- \+pack(I), inlimit(R,Limit).
7  evidence(pack(skis)).
8  evidence(pack(helmet)).
9  query(inlimit(10)).
```