

Test sample 1

Test sample 2

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=====
AvB=>E
A^B=>D
D^E=>F
B^E=>F
A
B
C

Prove F? (yes) E? (yes)
      D? (yes) P? (no)

=====
A^B^C^D=>F
BvEvG=>F
H^I=>A
J^K=>B
UvTvW=>J
I^J^T=>P
I^J^F=>Q
H
I
K
D
W
C

Prove F? (yes) A? (yes) B? (yes)
      J? (yes) P? (no) Q? (yes)
=====
```

Test sample 3:

$a^b \Rightarrow c$
 $c \vee d \Rightarrow f$
 $f \vee g \vee h \vee p \Rightarrow x$
 $x^y \Rightarrow z$
 a
 b
 y

prove z ? (yes)