PN7PHQ

- 1. PN7P d2tz.
- 2. 7Q DP for subranget show box

3. 7Q DTP from subcomputation box.

4. Q from 2., 3., 2nd 7E.

P, P-DQ — Q then. P — (P-DQ) -DQ 12 de 1. P d2tz. 1. P d2tz. 2. P-DQ d2tz. 2. (PDQ) -DQ 3. Q 1,2, DF [2.1 P-DQ] 2.8. Q SET 175+ 2.

(2)

O. (PIQ)-DR, Q+R.

1. (PuQ) DR dete.

2. Q dete.

3. EPVQ. 2., VI.

4. R. from 3., 1, DE.

PDQ.

PDX.

PDX.

PDX.

PDX.

PDX.

PDX.

Tutorial 1157 2.

3

06

Porks part time.

F works fill time.

T plays on the team.

B 15 busy.

PVF, 7T-D7P, T-DB, 7F+B7

	PJF
Show	77
	P.
Show	7T DP
Show	1
Show	B

variout rule.

SILM LESSINSV

JE with TH-DP JT-DP

TDB, T (modes parens

1. Puf dets.

2. TT-D7P dete.

3, T-DB dztz.

4. 7F deta.

5. P 1,4, VEZ. (verient rule)

6. 7T-PP 5, DIZ (Verrieux rule)

7. T 2,6,7E

8. B from 3,7, -DE

	9.
All men are montal.	P
Socretes is a men.	Q
Socrates is mortal.	R.
PQHR.	
XX [Wen(X) -D MOLJSI(X)]	VNiverse/ oits) it its up
Men (Socretes)	4
montal (socrates)	Existential (24)
Man (socrates) - Proortal (s	ocretes)
man (20005/67)	
mortal (socrates)	
Wan = D ment	
teeches (x, y)	
terches (odinaldo, ElA)	
Man = Subset of the of the eleven	
Of the elevieu	-12 11/5/

have the property of being 2 man.

Jousin: Marvers ((x,y): X is smaller than y. = (x,y): x 15 equal to y. There is 2 natural number that 15 the smallest of 211 Naprel numbers. 7x 4y (((x,y)) v=(xxy)). [<(0,y) v =(0=y)].

Prolog

6

Some stydent went to every lecture.

Dansin.

Dhn J- D- Stidents.

S(X) =D X 2 Suder

elz Frz.

1) Lectures

S(ohn) =0 True. S(els) =0 Folse

Jx(SCX) ~ Hy [L(y) -D A(X, y)]

Stroket (meny)

2(born) r(bes). 2(born) r(ter).

Al

A (John, elz) A (John, fcr) A (mzn, elz) A (mzn, prz)

A(peul, el2) A(peul, fc1) A(peul, pr2).

91 Feg

X= P201

73 Prz.

Hy (L(y) -D Zx (S(x) x A(x,y)))

Every bird ests every worm.

Yxyy [B(x), M(y), TE(x,y)]. WRONE

Yxyy [(B(x), M(y))] -D E(x,y)].

Some bird do not est some worms.

No bird is esten by & worm

×

. At dy

a-b a-c b-a b-b