1) a.
$$X = a + b * c : ti = b * c : lo Ri, b$$
 $M = a + ti$

Lo R2, c

Hul RI, RI, R2

Lo R2, a

ADD RI, RI, R2

ST X, R1

- 2. ay LD 0, i: 2

 MUL RO, RO, 8:2

 LD R1, a(Ro): 2

 ST b, R1: 2
- b. 1D RO, C:2 LD R1, i:2 2D R1, a(Ro):2 ST b, R1:2

6.

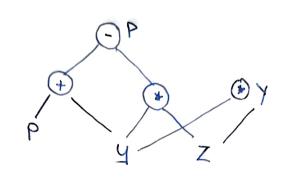
C> LO RO,P: 2 LO RI, ol: 2 ST O(RO), R1:2

$$X = Y*Z$$

$$W = P+Y$$

$$Y = Y*Z$$

$$P = W-Z$$



4.
$$X = 0+b*c$$

 $t1 = b*c$
 $t2 = 0+t1$
 $n = t2$

TARGET CODE	RD		ΔA
	R-T	R2	a b c t1 t2
10.R1,b	Ь		a, b, RI C
LO R2 > C	р	C	a bari Care
MUL RIZRIZRE	t 1	C	a b cxR2 RI
LD R2 , a	44	a	a, R2
ADD RIARIARS	t2	0	
0		a	axR2 b c
ST N > R1	taxx	a	a,R2 h

a a,R2 b c

X

RI

RI XR