

1)

6	1	1	1	1	1	1	12
OP	n	i	x	b	p	e	disp
$(3C)_{16}$	1	0	0	0	1	0	$(003)_{16}$
$(3E)_{16}$				$(2D)_{16}$			$(003)_{16}$

$$TA = CPC + disp \rightarrow disp = 0030 - 002D = C003_{16}$$

OP	n	i	x	b	p	e	disp
001111	1	0	0	0	1	0	003

→ 3E2003

2)

70 002A J @RETADR 3E2003

OP	n	i	x	b	p	e	disp
----	---	---	---	---	---	---	------

001111	1	0	0	0	1	0	$(003)_{16}$
--------	---	---	---	---	---	---	--------------

$$TA = RETADR = 0030$$

$$TA = CPC + disp = 002D + 0003$$

OP	n	i	x	b	p	e	disp
----	---	---	---	---	---	---	------

	1	0	0	0	1	0	$(003)_{16}$
--	---	---	---	---	---	---	--------------

$$TA = RETADR = 0030$$

$$TA = CPC + disp = 002D + 0003$$