

(a)

(111) x2-x-1=0

x = - B + 13 2 4ac

7.

= -(-1) + /(-1) 2-4(1)(-1)

29

= 1 = 11+4

1

= 1 + J5

4

x-1+15

2



: c CosA = G = + B = - C? 260

los = (1+ 5) + 1# - 18

(05 TE = 1+15.

(b) dV = 2e+2e-+

(1) when +=0

du - Ze° + Ze°

(11) V= [ Ze+ + Ze+

V = let + - le-+ + C



	V=	Le	1	_	20	-+	+(
--	----	----	---	---	----	----	----

cm) When #AD 1=0 \$ 11=0

0 = Ze = Ze = +C

0=2-2+6

(=0

EARCHISO

00 V= Ze +-Ze-+

(10) when b=3

2et-2e-+=3